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# SAFETY DATA SHEET

# 1. Product and Company Identification

Product Name: Matte Product Code: 10006 Product Type: Aerosol Product Use: Art Material

Distributed by: Creative Art Materials Ltd Revision Date: 3/26/2019

**Address**: 1214 River Hwy Emergency Phone: 1-800-255-3924

Mooresville, NC 28117 **Phone**: (704) 664-1427

**NOTE:** The information contained herein is accurate to the best of our knowledge. We do not suggest or guarantee that any hazards listed herein are the only ones which exist. We provide this information as guidance for providing personal protection to your employees. The user has the sole responsibility to determine the suitability of the materials for any use and the manner of use contemplated. The user must meet all applicable safety and health standards. We provide this information as guidance for providing personal protection to your employees.

### 2. Hazard Identification

### Classification of substance or mixture:

Flammable Aerosols
Gases Under Pressure
Liquefied Gas
Carcinogenicity
Category 1
Skin Irritation
Category 2,
Toxic to Reproduction
Germ Cell Mutagenicity
Category 1
Eye damage/irritation
Category 2A

Specific target organ toxicity

single exposure Category 3 (Central nervous system)

Aspiration hazard Category 1

### GHS Classification in accordance with 29 CFR 1910 (OSHA HCS)

### **Pictograms**









Signal Word: Danger

Hazard Statement(s)

H222 Extremely flammable aerosol

H280 Contains gas under pressure; may explode if heated.

H350 May cause cancer

H315 Causes Skin irritation

H319 Causes serious eye damage.

H360 May damage fertility or the unborn child

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H340 May cause genetic defects

H336 May cause drowsiness or dizziness

H304 May be fatal if swallowed and enters airways

H302 Harmful if swallowed

### **Precautionary Statements:**

Prevention	
P201	Obtain special instructions before use.
P202	Do not handle until all safety precautions have been read and understood
P281	Use personal protective equipment as required.
P210	Keep away from heat, hot surfaces, sparks, open flames, and other ignition sources. No smoking.
P211	Do not spray on an open flame or other ignition source
P251	Pressurized container: Do not pierce or burn, even after use.
P261	Avoid breathing dust/fume/ gas/mist/vapours/spray.
P264	Wash thoroughly after handling.
P272	Contaminated work clothing should not be allowed out of the workplace.
P271	Use only outdoors or in a well-ventilated area.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
Response	
P304+P340	If Inhaled: Remove victim to fresh air and keep comfortable for breathing.
P312	Call a poison center/doctor/if you feel unwell.
P301+P310	If swallowed: Immediately call a poison center or doctor/physician.
P331	Do not induce vomiting
P302+P352	If on skin: wash with plenty of water and soap.
P333+P313	If skin irritation occurs: Get medical advice/attention.
P362	Take off contaminated clothing and wash before reuse.
P305+P351+	

# **Storage and Disposal**

P338

P337+P313

P308+P313

P405 Store locked up

P403 Store in a well ventilated place.

P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F. P501 Dispose of contents/container in accordance with local/regional regulations.

If eye irritation persists: Get medical advice/attention.

If exposed or concerned: Get medical attention.

present and easy to do. Continue rinsing.

# 3. Composition information on ingredients

If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if

Ingredients	CAS#	Percent
Liquefied Petroleum Gas	68476-86-8	10-30 %
Acetone	67-64-1	30-50%
Xylenes (o-, m-, p-isomers)	133020.7	5-10%
Isopropyl acetate	108-21-4	5-10%
Diacetone Alcohol	123-42-2	2-10%
2-Pentanone, 4-methy-	108-10-1	1-5%
Methyl ethyl ketone	78-93-3	1-5%
n-Amyl acetate	628-63-7	1-5%

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Ethylbenzene	100-41-4	.1-1%
2-Methybutyl acetate	624-41-9	.5-4%
Nitrocellulose	9007-70-0	.5-4%
Isopropyl alcohol	67-63-0	.5-4%

### 4. First Aid Measures

### **Eye Contact:**

Flush with warm water for 15 minutes. Seek medical attention.

### **Skin Contact:**

Wash with soap and water. Remove any contaminated clothing and launder before reusing. If irritation persists, seek medical attention.

### Inhalation:

Remove exposed individual to fresh air, protecting yourself. Restore breathing if necessary. Contact a physician.

### **Ingestion**:

Do not induce vomiting. Get medical attention immediately. DO NOT GIVE AN UNCONCIOUS OR CONVULSING PERSON ANYTHING BY MOUTH!

# 5. Fire Fighting Measures

**Flash Point**: Flash point of propellant <0 degrees F.

### Flammable limits in air, % by volume:

**Upper:** 9.5 (VOL.) Gas in air (propellant portion) **Lower:** 1.8 % (VOL.) Gas in air (propellant portion)

### **Extinguishing Media:**

Dry chemical, carbon dioxide, halon, or foam is recommended. Water spray may be used to cool containers or structures. Halon may decompose into toxic materials and carbon dioxide will displace oxygen, take proper precautions when using these materials.

### **Unusual Fire & Explosion Hazards**:

This material may be ignited by extreme heat, sparks, flames or other ignition sources (static electricity). Vapors are heavier than air and will collect in low areas (sewers) or travel considerable distances. If containers are not cooled in a fire, they may rupture and ignite.

### **Special Fire Fighting Procedures:**

At elevated temperatures (over 130F) aerosol container may burst, vent or rupture; use equipment or shielding to protect personnel. Cooling exposed containers with streams of water may be helpful. Emergency responders should wear self-contained breathing apparatus. Wear other protective gear as conditions warrant. Keep unauthorized people out and try to contain spills or leaks if it can be done safely. Material will float on water, avoid spreading the fire.

### 6. Accidental Release Measures

### Spill or Leak Instructions

Contain spill with dikes of soil or nonflammable absorbent to minimize contaminated area. Avoid run-off

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into storm sewers and ditches leading to waterways. If required, notify state and local authorities. Place leaking containers in well-ventilated area. Clean up small spills by using a nonflammable absorbent or flushing sparingly with water. Contain larger spills with nonflammable diking or absorbent. Clean up by vacuuming or sweeping.

Keep unnecessary people away; isolate hazard area and deny entry. Stay upwind; keep out of low areas. Assess the spill situation, as the spill may not evolve large amounts of hazardous airborne contaminants in many outdoor spill situations. It may be advisable in some cases to simply monitor the situation until spilled product is removed.

# 7. Handling and Storage

### Handling:

Store below 120°F in cool, dry area, out of direct sunlight and away from strong oxidizers. Do not puncture or burst. Use in accordance with good work place practices. Use with adequate ventilation. Keep containers closed when not in use. Always open containers slowly to allow any excess pressure to vent. Avoid breathing vapor. Avoid contact with eyes, skin or clothing. Wash thoroughly with soap and water after handling. Decontaminate soiled clothing thoroughly before re-use. Destroy contaminated leather clothing.

Empty containers may contain residues from the product. Treat empty containers with the same precautions as the material last contained. Do not cut, weld or apply heat to empty containers Do not incinerate

### Storage:

Store in a cool, dry area, away form heat or direct sunlight. Keep containers closed when not in use. Do not store with incompatible materials

# 8. Exposure Controls / Personal Protection

### **Protective Equipment:**

Use synthetic gloves if necessary to prevent excessive skin contact. Do not wear contacts and always use ANSI approved safety glasses or splash shield.

### **Engineering Controls:**

General or dilution ventilation is frequently sufficient as the sole means of controlling employee exposure. Local ventilation is usually preferred. Use a NIOSH approved respirator if ventilation is not adequate to maintain exposures below TLV levels.

### **Respiratory Protection:**

Use adequate ventilation to maintain exposure limits. If the exposure limits of the products or any of its components is exceeded, an approved organic vapor mask should be used (consult your safety equipment supplier). Above 1000 ppm, an approved self-contained breathing apparatus or airline respirator with full face-piece is required

### **Other Suggested Equipment:**

Eye wash station and emergency showers should be available. Spill containment equipment should be available.

### **Discretion Advised:**

We. take no responsibility for determining what measures are required for personal protection in any specific application. The general information should be used with discretion.

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# **Exposure guidelines:**

Ingredients	CAS#	Exposure I	<b>Exposure Limits</b>	
		OSHA (PEL)	ACGIH (TWA)	
Liquefied Petroleum Gas Acetone Xylenes (o-, m-, p-isomers) Isproplyl acetate Diacetone Alcohol 2-Pentanone, 4-methy- Methyl ethyl ketone n-butyl acetate n-Amyl acetate Ethylbenzene 2-Methybutyl acetate	68476-86-8 67-64-1 133020.7 108-21-4 123-42-2 108-10-1 78-93-3 123.86-4 628-63-7 100-41-4 624-41-9	1000 ppm 1000 ppm 100 ppm 250 ppm 50 ppm 100 ppm 200 ppm 150 ppm 100 ppm	1000ppm 250 ppm 100 ppm 100 ppm 50 ppm 20 ppm 200 ppm 150 ppm 50 ppm 50 ppm	
Nitrocellulose Isopropyl alcohol	9007-70-0 67-63-0	NA 400 ppm	NA 200 ppm	

# 9. Physical and Chemical Properties

Appearance: Clear as dispensed from aerosol can. Odor: Sweet, pungent

**Evaporation Rate:** Ether = 1 Slower

PH: NA Melting/Freezing point: NE

Initial Boiling point and boiling range: NE Flash Point: Flash point of propellant <0°F

Flammability: NA Vapor pressure: >30 psi

Vapor density >1 (Air=1)

Relative density NE Solubility: negligible

Partition coefficient: NE Auto-ignition temperature: NE

Decomposition temperature: NE Viscosity: NA

Flammable limits in air, % by volume: (propellant portion)

**Upper:** 9.5%(vol) Gas in Air **Lower:**1.8% (vol) Gas in Air

# 10. Stability and Reactivity

Stability: Stable Conditions to Avoid: Heat, spark, and open flame

**Incompatibility**: Strong-Oxidizing Agents

Hazardous Decomposition: Combustion will produce Carbon Monoxide, Carbon Dioxide and nitrogen-

oxygen compounds.

Hazardous Polymerization: Will not occur

# 11. Toxicological Information

# **Component Toxicological Information:**

Acute oral toxicity

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Xylene LD50 rat 3500 mg/kg Acetone LD 50 (rat) 5.800 mg/kg Isopropyl acetate LD 50 Rat 3000 mg/kg Diacetone Alcohol LD50 rat 4000 mg/kg 2-pentanone, 4-methyl LD50 rat 2080 mg/kg Methyl ethyl ketone LD50 rat 2483 mg/kg n-Amyl acetate LD50 rat > 1600 mg/kgEthylbezene LD50 rat 3500 mg/kg Isoproply Alcohol LD 50 rat 1870 mg/kg

Acute inhalation toxicity

Xylene LC50 rat 29.08 mg/l/4h
Acetone LC50 (rat) 76.0 mg/l
Isopropyl acetate LC 50 Rat 50600 mg/m3/8h
2-pentanone, 4-methyl LC50 rat 8.2 mg/l/4h
Methyl ethyl ketone LC50 rat 11700 ppm/4h
Ethylbezene LC50 rat 17.2 mg/l/4h

Acute dermal toxicity

Xylene LD50 rabbit >4350 mg/kg Acetone LD50 > 7,426 mg/kgIsopropyl acetate LD 50 Rabbit > 20 ml/kg Diacetone Alcohol LD50 rabbit 13500 g/kg 2-pentanone, 4-methyl LD50 rabbit 3000 mg/kg Methyl ethyl ketone LD50 rabbit 5000 mg/kg Ethylbezene LD50 rabbit 15400 mg/kg Isopropyl Alcohol LD 50 rabbit 4059 mg/kg

**Chronic Toxicity** 

This product contains an ingredient listed by IARC, NTP or OSHA as chemical carcinogen (Hexalent Chromium)

# 12. Ecological Information

# 12.1 Persistence and Degradability

Product: No further relevant information available

### 12.2 Bioaccumulative Potential

<u>Product:</u> Bioaccumulation: No further relevant information available Partition coefficient: n-octanol/water: No further relevant information available

### 12.3 Mobility in Soil

<u>Product:</u> Distribution among environmental compartments: No further relevant information available.

Additional Ecological Information:

General notes: German Hazard Water Class 1

Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

### 12.4 Results of PBT and vPvB Assessment

Assessment: This mixture contains no substance considered to be persistent, bioaccumulating nor toxic (PBT). This mixture contains no

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substance considered to be very persistent nor very bioaccumulating (vPvB)

### 12.5 Other Adverse Effects

Product: No further relevant information available

### 12.6 Toxicity

Component Ecotoxicity
Xylene (o-m-p-isomers)

96hr LC 50 Pemephales promelas: 13.4 mg/L [flow –through];

96hr LC50 Oncorhynchus mykiss: 2,661-4.093 mg/L [static]

96hr Oncorhynchus mykiss: 13.5-17.3 mg/L;

96hr LC50 Lepomis macroirusL 13.1-16.5 mg/L[flow through];

96hr LC50 Lepomis macrochirus: 19 mg/L;

96hr LC 50Lepomis macrochirus: 7.711-9.591 mg/L [static; 96hr LC50 Pemephalespromelas: 23.53-29.97 mg/L [staic];

96hr LC50 Cyprinus carpio: 780 mg/L[semi-static];

96hr LC Cyprinus carpio: > 780mg/L;

96hr LC50 Poecilla reticulate: 30.26-40.75 mg/L [static]

48hr EC50 water flea: 3.82 mg/L;

48hr LC50 Gammarus laxustris: 0.6 mg/L

2-Pentanone, 4-methyl- 96hr LC50 Pimephales promelas: 496-514 mg?l [flow through]

48 hr EC50 Daphnia magna: 170 mg/L

96hr EC50 Pseudokirchneriella subcapitata: 400 mg/L

Methyl ethyl ketone 96hr LC50 Pimephales promelas: 3130-3320 mg/L [flow through]]

48 hr EC50 Daphnia magna: >520 mg/L 48hr EC50 Daphnia magna: 5091 mg/L

48hr EC50 Daphnia magna: 4025-6440 mg/L [static]

n-amyl acetate 96hr LC50 Lepomis macrochirus: 650 mg/L [stais]

ethylbenezene 96hr LC50 Oncorhynchus mykiss: 11.0-18.0 mg/L

96hr LC50Onocorhychus mykissL 4.2 mg/L [semi static] 96 hr LC50 Peimphales promelas: 7.55-11 mg/L [flow through]

96hr LC50 Lepomix macrochirus: 32mg/L [static]

96 hr LC50 Pimephales promelas 9.1-15.6 mg/L [static]

96hr LC50 poecilia reiculata: 9.6 mg/L [staic] 48hr EC50 Daphnia magna: 1.8-2.4 mg/L

72hr EC50 Pseudokirchneriella subcapitata: 4.6 mg/L 96hrEC50 Pseudokerchneriella subcapitata: 438 mg/L

72hr EC50 Pseudokirchneriella subcapitata: > 438 mg/L 72hr EC50 Pseudokirchneriella subcapitata: 2.6-11.3 mg/L [static]

96hr EC50 Pseudokrichneriella subcapitata: 1.7-7.6 mg/L [static]

Isopropyl alcohol 96hr LC50 pemephales promelas: 9640 mg/L [flow through]

96hr LC50 Pimephales promelas: 11130 mg/L [static] 96 hr LC50 Lepomis macrochirus > 1400000 mg/L

48 hr EC50 Daphnia magn: 13299 mg/L

96hr EC50 Desmodesmus subspicatus > 1000 mg/L 72hr EC50 Desmodesmus subspicatus: > 1000 mg/L

# 13. Disposal Considerations

Do not puncture or burn containers. Give empty, leaking, or full containers to disposal service equipped to

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handle and dispose of aerosol (pressurized) containers. Dispose of spilled material in accordance with state and local regulations for waste that is non-hazardous by Federal definition. Note that this information applies to the material as manufactured; processing, use, or contamination may make this information inappropriate, inaccurate, or incomplete.

Note that this handling and disposal information may also apply to empty containers, liners and rinsate. State or local regulations or restrictions are complex and may differ from federal regulations. This information is intended as an aid to proper handling and disposal; the final responsibility for handling and disposal is with the owner of the waste. See Section 9 - Physical and Chemical Properties.

# 14. Transport Information

Aerosols (limited quantity), Class 2.1, ERG 126

AIR (IATA)
Aerosols (limited quantity),
Class 2.1, ERG 126, UN No. 1950
Vessel
Aerosol (Limited Quantity), Class 2.1, UN No 1950

# 15. Regulatory Information

# **Environmental Regulations**

# SARA 302/304: SARA 311/312:

Immediate (x) Delayed () Fire (x) Reactive () Sudden Release of Pressure (x)

### Section 313

This product contains: Acetone Xylene Diacetone alcohol 2-pentanone, 4-methyl Ethybenzene

### California Prop 65

WARNING! This product contains a chemical known in the State of California to cause cancer.

100-41-4 Ethylbenzene 108-10-1 2-Pentanone, 4-methyl-

WARNING! This product contains a chemical known in the State of California to cause birth defects or other reproductive harm.

108-10-1 2-Pentanone, 4-methyl-

All the chemicals used in this product are TSCA listed. Check with your local regulators to be sure all local regulations are met. Product Name: Matte 10006 Print Date: 11/3/20
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### 16. Other Information

**Hazard ratings** This information is intended solely for the use of individuals trained in the NFPA and/or HMIS systems.

NFPA: Level 3 Aerosol

HMIS: Health: 2 Flammability: 4 Reactivity: 0

RATING: 4-EXTREME 3-HIGH 2-MODERATE 1-SLIGHT 0-INSIGNIFICANT

### Note:

The information contained herein is accurate to the best of our knowledge. We do not suggest or guarantee that any hazards listed herein are the only ones which exist. We make no warranty of any kind, express or implied, concerning the safe use of this material in your process or in combination with other substances. Effects can be aggravated by other materials and/or this material may aggravate or add to the effects of other materials. This material may be released from gas, liquid, or solid materials made directly or indirectly from it. User has the sole responsibility to determine the suitability of the materials for any use and the manner of use contemplated. User must meet all applicable safety and health standards. Possession of an SDS does not indicate that the possessor of the SDS was a purchaser or user of the subject product.

Revision Date: 09/30/2021

# SAFETY DATA SHEET

Classified in accordance 29 CFR 1910.1200

# 1. Identification

Product identifier: #82490 Artist's Mounting Adhesive

Other means of identification

**SDS number:** RE1000037460

Recommended restrictions
Recommended use: Adhesive
Restrictions on use: Not known.

# Manufacturer/Importer/Distributor Information

Manufacturer

Company Name: CREATIVE ART MATERIALS LTD

Address: 1214 RIVER HWY UNIT G

MOORESVILLE, NC 28117-6518

US

Telephone: 866-833-7797

Emergency telephone number: 1-866-836-8855

# 2. Hazard(s) identification

# Hazard Classification Health Hazards

Serious Eye Damage/Eye Irritation Category 2A
Skin sensitizer Category 1
Specific Target Organ Toxicity - Category 3
Single Exposure (Narcotic effect.)

### **Environmental Hazards**

Acute hazards to the aquatic Category 2

environment

Chronic hazards to the aquatic Category 2

environment

# **Label Elements**

# **Hazard Symbol:**



Signal Word: Warning

**Hazard Statement:** Causes serious eye irritation.

May cause an allergic skin reaction. May cause drowsiness or dizziness.

Toxic to aquatic life with long lasting effects.

Revision Date: 09/30/2021

Precautionary Statements

**Prevention:** Wash thoroughly after handling. Wear protective gloves/protective

clothing/eye protection/face protection. Avoid breathing

dust/fume/gas/mist/vapors/spray. Contaminated work clothing should not be allowed out of the workplace. Use only outdoors or in a well-ventilated area.

Avoid release to the environment.

**Response:** IF INHALED: Remove person to fresh air and keep comfortable for

breathing. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention. IF ON SKIN: Wash with plenty of water If skin irritation or rash occurs: Get medical advice/attention. Call a POISON CENTER/doctor if you feel unwell. Specific treatment (see on this label). Wash contaminated clothing before reuse. Collect spillage.

Storage: Store in a well-ventilated place. Keep container tightly closed. Store locked

up.

**Disposal:** Dispose of contents/container to an appropriate treatment and disposal

facility in accordance with applicable laws and regulations, and product

characteristics at time of disposal.

Hazard(s) not otherwise classified (HNOC):

None.

### 3. Composition/information on ingredients

### **Mixtures**

Chemical Identity	CAS number	Content in percent (%)*
Acetic acid, methyl ester	79-20-9	20 - <50%
Propane	74-98-6	10 - <20%
2-Propanone	67-64-1	10 - <20%
Naphtha (petroleum), hydrotreated light	64742-49-0	5 - <10%
Heptane	142-82-5	2.5 - <5%
White mineral oil (petroleum)	8042-47-5	1 - <5%
2H-1-Benzopyran-6-ol, 3,4-dihydro-2,5,7,8-tetramethyl-2-	10191-41-0	1 - <5%
(4,8,12-trimethyltridecyl)-		

<sup>\*</sup> All concentrations are percent by weight unless ingredient is a gas. Gas concentrations are in percent by volume.

The exact concentration has been withheld as a trade secret.

### 4. First-aid measures

### Description of necessary first-aid measures

**Inhalation:** Move to fresh air.

**Skin Contact:** If skin irritation occurs: Get medical advice/attention. Destroy or

thoroughly clean contaminated shoes. Immediately remove

contaminated clothing and shoes and wash skin with soap and plenty of water. If skin irritation or an allergic skin reaction develops, get

medical attention.

**Eye contact:** Immediately flush with plenty of water for at least 15 minutes. If easy

to do, remove contact lenses. Get medical attention.

**Ingestion:** Call a POISON CENTER/doctor if you feel unwell. Rinse mouth.

Revision Date: 09/30/2021

**Personal Protection for First-**

aid Responders:

Self-contained breathing apparatus and full protective clothing must

be worn in case of fire.

Most important symptoms/effects, acute and delayed

Symptoms: No data available.

Hazards: No data available.

Indication of immediate medical attention and special treatment needed

Treatment: Get medical attention if symptoms occur.

5. Fire-fighting measures

**General Fire Hazards:** No unusual fire or explosion hazards noted.

Suitable (and unsuitable) extinguishing media

Suitable extinguishing

media:

Use fire-extinguishing media appropriate for surrounding materials.

Unsuitable extinguishing

media:

Do not use water jet as an extinguisher, as this will spread the fire.

Specific hazards arising from

the chemical:

During fire, gases hazardous to health may be formed.

Special protective equipment and precautions for firefighters

Special fire fighting

procedures:

No data available.

Special protective equipment

for fire-fighters:

Self-contained breathing apparatus and full protective clothing must be

worn in case of fire.

# 6. Accidental release measures

Personal precautions, protective equipment and

emergency procedures:

See Section 8 of the SDS for Personal Protective Equipment. Do not touch damaged containers or spilled material unless wearing appropriate

protective clothing. Keep unauthorized personnel away.

Accidental release measures: Prevent entry into waterways, sewer, basements or confined areas. Stop

the flow of material, if this is without risk.

Methods and material for containment and cleaning

up:

Absorb spill with vermiculite or other inert material, then place in a container

for chemical waste.

**Environmental Precautions:** Avoid release to the environment. Prevent further leakage or spillage if safe

to do so. Do not contaminate water sources or sewer.

# 7. Handling and storage

# Handling

Technical measures (e.g. Local and general ventilation):

No data available.

Safe handling advice: Avoid contact with eyes. Wash hands thoroughly after handling. Avoid

contact with eyes, skin, and clothing.

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**Contact avoidance measures:** No data available.

Storage

Store away from incompatible materials. Store in original tightly closed container. Aerosol Level 2 Safe storage conditions:

Safe packaging materials: No data available.

**Storage Temperature:** No data available.

# 8. Exposure controls/personal protection

# **Control Parameters**

**Occupational Exposure Limits** 

Chemical Identity	Туре	Exposure L	imit Values	Source
Acetic acid, methyl ester	REL	200 ppm	610 mg/m3	US. NIOSH: Pocket Guide to Chemical Hazards, as amended
	STEL	250 ppm	760 mg/m3	US. NIOSH: Pocket Guide to Chemical Hazards, as amended
	PEL	200 ppm	610 mg/m3	US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000), as amended
	STEL	250 ppm		US. ACGIH Threshold Limit Values, as amended
	TWA	200 ppm	610 mg/m3	US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended
	STEL	250 ppm	760 mg/m3	US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended
	TWA	200 ppm		US. ACGIH Threshold Limit Values, as amended
Propane	REL	1,000 ppm	1,800 mg/m3	US. NIOSH: Pocket Guide to Chemical Hazards, as amended
	PEL	1,000 ppm	1,800 mg/m3	US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000), as amended
	TWA	1,000 ppm	1,800 mg/m3	US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended
2-Propanone	STEL	1,000 ppm	2,400 mg/m3	US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended
	PEL	1,000 ppm	2,400 mg/m3	US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000), as amended
	TWA	250 ppm		US. ACGIH Threshold Limit Values, as amended
	TWA	750 ppm	1,800 mg/m3	US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended
	STEL	500 ppm		US. ACGIH Threshold Limit Values, as amended
	REL	250 ppm	590 mg/m3	US. NIOSH: Pocket Guide to Chemical Hazards, as amended
Naphtha (petroleum), hydrotreated light	REL	100 ppm	400 mg/m3	US. NIOSH: Pocket Guide to Chemical Hazards, as amended
	TWA	100 ppm	400 mg/m3	US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended
	PEL	100 ppm	400 mg/m3	US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000), as amended
Heptane	TWA	400 ppm	1,600 mg/m3	US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended
	REL	85 ppm	350 mg/m3	US. NIOSH: Pocket Guide to Chemical Hazards, as amended
	PEL	500 ppm	2,000 mg/m3	US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000), as amended
	STEL	500 ppm	2,000 mg/m3	US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended
	TWA	400 ppm		US. ACGIH Threshold Limit Values, as amended
	STEL	500 ppm		US. ACGIH Threshold Limit Values, as amended
	Ceil_Time	440 ppm	1,800 mg/m3	US. NIOSH: Pocket Guide to Chemical Hazards, as amended
White mineral oil (petroleum) - Mist.	REL		5 mg/m3	US. NIOSH: Pocket Guide to Chemical Hazards, as amended
	STEL		10 mg/m3	US. NIOSH: Pocket Guide to Chemical Hazards, as amended
	PEL		5 mg/m3	US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000), as amended
	TWA		5 mg/m3	US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended

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White mineral oil (petroleum) - Inhalable fraction.	TWA		5 mg/m3	US. ACGIH Threshold Limit Values, as amended
Methanol	STEL	250 ppm	325 mg/m3	US. NIOSH: Pocket Guide to Chemical Hazards, as amended
	TWA	200 ppm		US. ACGIH Threshold Limit Values, as amended
	STEL STEL	250 ppm 250 ppm	325 mg/m3	US. ACGIH Threshold Limit Values, as amended US. OSHA Table Z-1-A (29 CFR 1910.1000), as
	REL	200 ppm	260 mg/m3	us. NIOSH: Pocket Guide to Chemical Hazards,
				as amended
	PEL	200 ppm	260 mg/m3	US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000), as amended
	TWA	200 ppm	260 mg/m3	US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended
Cyclohexane, methyl-	PEL	500 ppm	2,000 mg/m3	US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000), as amended
	TWA	400 ppm	1,600 mg/m3	US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended
	TWA	400 ppm		US. ACGIH Threshold Limit Values, as amended
	REL	400 ppm	1,600 mg/m3	US. NIOSH: Pocket Guide to Chemical Hazards, as amended
Benzene, methyl-	STEL	150 ppm	560 mg/m3	US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended
	REL	100 ppm	375 mg/m3	US. NIOSH: Pocket Guide to Chemical Hazards as amended
	TWA	100 ppm	375 mg/m3	US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended
	Ceiling	300 ppm		US. OSHA Table Z-2 (29 CFR 1910.1000), as amended
	TWA	20 ppm		US. ACGIH Threshold Limit Values, as amended
	TWA	200 ppm		US. OSHA Table Z-2 (29 CFR 1910.1000), as
	MAX.	500 ppm		amended US. OSHA Table Z-2 (29 CFR 1910.1000), as
_	CONC STEL	150 ppm	560 mg/m3	amended US. NIOSH: Pocket Guide to Chemical Hazards,
Hexane	TWA	50 ppm	180 mg/m3	as amended US. OSHA Table Z-1-A (29 CFR 1910.1000), as
	PEL	500 ppm	1,800 mg/m3	amended US. OSHA Table Z-1 Limits for Air Contaminants
	REL	50 ppm	180 mg/m3	(29 CFR 1910.1000), as amended US. NIOSH: Pocket Guide to Chemical Hazards
				as amended
Cyclohexane	TWA	50 ppm 100 ppm		US. ACGIH Threshold Limit Values, as amended US. ACGIH Threshold Limit Values, as amended
Cyclonexane	TWA	300 ppm	1,050 mg/m3	US. OSHA Table Z-1-A (29 CFR 1910.1000), as
				amended
	REL	300 ppm	1,050 mg/m3	US. NIOSH: Pocket Guide to Chemical Hazards as amended
	PEL	300 ppm	1,050 mg/m3	US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000), as amended
Benzene, ethyl-	STEL	125 ppm	545 mg/m3	US. NIOSH: Pocket Guide to Chemical Hazards, as amended
	REL	100 ppm	435 mg/m3	US. NIOSH: Pocket Guide to Chemical Hazards as amended
	PEL	100 ppm	435 mg/m3	US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000), as amended
	STEL	125 ppm	545 mg/m3	US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended
	TWA	100 ppm	435 mg/m3	US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended
	TWA	20 ppm		US. ACGIH Threshold Limit Values, as amended
Benzene	REL	0.1 ppm		US. NIOSH: Pocket Guide to Chemical Hazards as amended
	TWA	1 ppm		US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended
	Ceiling	25 ppm		US. OSHA Table Z-2 (29 CFR 1910.1000), as amended
	TWA	0.5 ppm		US. ACGIH Threshold Limit Values, as amended
	STEL	2.5 ppm		US. ACGIH Threshold Limit Values, as amended
	STEL	5 ppm		US. OSHA Specifically Regulated Substances (2 CFR 1910.1001-1053), as amended
	OSHA_AC T	0.5 ppm		US. OSHA Specifically Regulated Substances (2 CFR 1910.1001-1053), as amended
	TWA	10 ppm		US. OSHA Table Z-2 (29 CFR 1910.1000), as amended
	MAX.	50 ppm		US. OSHA Table Z-2 (29 CFR 1910.1000), as
	CONC	11.55		amended

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STEL	5 ppm	US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended
TWA	1 ppm	US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1053), as amended
STEL	1 ppm	US. NIOSH: Pocket Guide to Chemical Hazards, as amended

**Biological Limit Values** 

Chemical Identity	Exposure Limit Values	Source
Methanol (methanol: Sampling time: End of shift.)	15 mg/l (Urine)	ACGIH BEL
2-Propanone (acetone: Sampling time: End of shift.)	25 mg/l (Urine)	ACGIH BEL
Benzene, methyl- (toluene: Sampling time: End of shift.)	0.03 mg/l (Urine)	ACGIH BEL
Benzene, methyl- (o-Cresol, with hydrolysis: Sampling time: End of shift.)	0.3 mg/g (Creatinine in urine)	ACGIH BEL
Benzene, methyl- (toluene: Sampling time: Prior to last shift of work week.)	0.02 mg/l (Blood)	ACGIH BEL
Benzene, ethyl- (Sum of mandelic acid and phenylglyoxylic acid: Sampling time: End of shift.)	0.15 g/g (Creatinine in urine)	ACGIH BEL
Hexane (2,5-Hexanedion, without hydrolysis: Sampling time: End of shift.)	0.5 mg/l (Urine)	ACGIH BEL
Benzene (S-Phenylmercapturic acid: Sampling time: End of shift.)	25 μg/g (Creatinine in urine)	ACGIH BEL
Benzene (t,t-Muconic acid: Sampling time: End of shift.)	500 μg/g (Creatinine in urine)	ACGIH BEL

**Exposure guidelines** 

Methanol	US. ACGIH Threshold Limit Values, as amended	Can be absorbed through the skin.
Hexane	US. ACGIH Threshold Limit Values, as amended	Can be absorbed through the skin.
Benzene	US. ACGIH Threshold Limit Values, as amended	Can be absorbed through the skin.

**Appropriate Engineering** 

Controls

No data available.

Individual protection measures, such as personal protective equipment

**Eye/face protection:** Wear safety glasses with side shields (or goggles).

**Skin Protection** 

**Hand Protection:** No data available.

**Skin and Body Protection:** Wear chemical-resistant gloves, footwear, and protective clothing

appropriate for the risk of exposure. Contact health and safety professional

or manufacturer for specific information.

**Respiratory Protection:** In case of inadequate ventilation use suitable respirator. Seek advice from

local supervisor.

**Hygiene measures:** Avoid contact with eyes. Observe good industrial hygiene practices.

Contaminated work clothing should not be allowed out of the workplace.

Avoid contact with skin.

# 9. Physical and chemical properties

**Appearance** 

Physical state: No data available. Form: No data available. Color: No data available. Odor: No data available. **Odor Threshold:** No data available. pH: No data available. **Melting Point:** No data available. **Boiling Point:** No data available. **Flash Point:** Estimated -104 °C **Evaporation Rate:** No data available. Flammability (solid, gas): No data available. Explosive limit - upper (%): Estimated 9.5 %(V)

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Explosive limit - lower (%): Estimated 2.2 %(V)

**Vapor pressure:** 3,447 - 4,826 hPa (20 °C)

7,239 - 8,618 hPa (54 °C)

Vapor density (air=1): No data available. Density: No data available. Relative density: No data available. Solubility in Water: No data available. Solubility (other): No data available. Partition coefficient (n-octanol/water): No data available. **Self Ignition Temperature:** No data available. **Decomposition Temperature:** No data available. Kinematic viscosity: No data available. Dynamic viscosity: No data available.

Explosive properties:

Oxidizing properties:

No data available.

No data available.

# 10. Stability and reactivity

**Reactivity:** No data available.

**Chemical Stability:** Material is stable under normal conditions.

Possibility of hazardous

reactions:

No data available.

**Conditions to avoid:** Avoid heat or contamination.

**Incompatible Materials:** No data available.

**Hazardous Decomposition** 

**Products:** 

No data available.

### 11. Toxicological information

# Information on likely routes of exposure

**Inhalation:** No data available.

**Skin Contact:** No data available.

**Eye contact:** No data available.

**Ingestion:** No data available.

### Symptoms related to the physical, chemical and toxicological characteristics

**Inhalation:** No data available.

**Skin Contact:** No data available.

**Eye contact:** No data available.

**Ingestion:** No data available.

### Information on toxicological effects

Acute toxicity (list all possible routes of exposure)

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Oral

**Product:** Not classified for acute toxicity based on available data.

**Dermal** 

**Product:** ATEmix: 5,119.54 mg/kg

Inhalation

**Product:** Not classified for acute toxicity based on available data.

Repeated dose toxicity

**Product:** No data available.

Components:

Acetic acid, methyl ester NOAEL (Rat(Female, Male), Inhalation, 28 d): 350 ppm(m) Inhalation

Experimental result. Key study

LOAEL (Rat(Female, Male), Inhalation, 28 d): 2,000 ppm(m) Inhalation

Experimental result, Key study

NOAEL (Rat(Female, Male), Inhalation, >= 28 d): 4,000 ppm(m) Inhalation Propane

Experimental result, Key study

LOAEL (Rat(Female, Male), Inhalation, >= 28 d): 12,000 ppm(m) Inhalation

Experimental result, Key study

NOAEL (Rat(Male), Oral, 13 Weeks): 10,000 ppm(m) Oral Experimental 2-Propanone

result, Key study

Naphtha (petroleum),

NOAEL (Rat(Female, Male), Inhalation): 10,000 mg/m3 Inhalation hydrotreated light

Experimental result, Key study

LOAEL (Rat(Female, Male), Oral, 13 Weeks): 1,250 mg/kg Oral Readacross based on grouping of substances (category approach), Key study

NOAEL (Rat(Female, Male), Dermal, 28 d); > 375 mg/kg Dermal

Experimental result, Supporting study

NOAEL (Rat(Male), Inhalation): 12,470 mg/m3 Inhalation Experimental Heptane

result, Key study

NOAEL (Rat(Female, Male), Oral, 90 d): >= 20,000 ppm(m) Oral White mineral oil

Experimental result, Key study (petroleum)

Skin Corrosion/Irritation

**Product:** No data available.

Components:

Acetic acid, methyl

in vivo (Rabbit): Not irritant

ester

2-Propanone Naphtha (petroleum),

in vivo (Rabbit): Not irritant In vitro (Human): not corrosive

hydrotreated light

Heptane White mineral oil in vivo (Rabbit): Irritating in vivo (Rabbit): Not irritant

(petroleum)

Serious Eye Damage/Eye Irritation

Product: No data available.

Components:

Acetic acid, methyl

ester

Rabbit: Irritating

2-Propanone

Rabbit, 24 hrs: Minimum grade of severe eye irritant

Naphtha (petroleum),

hydrotreated light

Rabbit, 24 - 72 hrs: Not irritating

Heptane Rabbit, 24 - 72 hrs: Not irritating

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White mineral oil (petroleum)

Rabbit, 24 - 72 hrs: Not irritating

# Respiratory or Skin Sensitization

**Product:** No data available.

Components:

2-Propanone Naphtha (petroleum), hydrotreated light Skin sensitization:, in vivo (Guinea pig): Non sensitising Skin sensitization:, in vivo (Guinea pig): Non sensitising

Okiii serisitization., iii vivo (Odinea į

Heptane Skin sensitization:, in vivo (Guinea pig): Non sensitising White mineral oil Skin sensitization:, in vivo (Guinea pig): Non sensitising

(petroleum)

Carcinogenicity

**Product:** No data available.

### IARC Monographs on the Evaluation of Carcinogenic Risks to Humans:

No carcinogenic components identified

# **US. National Toxicology Program (NTP) Report on Carcinogens:**

No carcinogenic components identified

# US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050), as amended:

No carcinogenic components identified

# **Germ Cell Mutagenicity**

In vitro

**Product:** No data available.

In vivo

**Product:** No data available.

Reproductive toxicity

**Product:** No data available.

# **Specific Target Organ Toxicity - Single Exposure**

**Product:** No data available.

Components:

2-Propanone Inhalation - vapor: Narcotic effect. - Category 3 with narcotic effects.

Heptane Narcotic effect. - Category 3 with narcotic effects.

# **Specific Target Organ Toxicity - Repeated Exposure**

**Product:** No data available.

**Target Organs** 

Specific Target Organ Toxicity - Single Exposure: Narcotic effect.

**Aspiration Hazard** 

**Product:** No data available.

Components:

Naphtha (petroleum), hydrotreated light

May be fatal if swallowed and enters airways.

Heptane May be fatal if swallowed and enters airways. White mineral oil May be fatal if swallowed and enters airways.

(petroleum)

Other effects: No data available.

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# 12. Ecological information

# **Ecotoxicity:**

### Acute hazards to the aquatic environment:

**Fish** 

**Product:** No data available.

Components:

Acetic acid, methyl ester LC 50 (Fathead minnow (Pimephales promelas), 96 h): 295 - 348 mg/l

Mortality

LC 50 (Danio rerio, 48 h): 250 - 350 mg/l Experimental result, Key study

Propane LC 50 (Various, 96 h): 147.54 mg/l QSAR QSAR, Key study

2-Propanone LC 50 (Oncorhynchus mykiss, 96 h): 5.540 mg/l Experimental result, Key

study

Naphtha (petroleum), hydrotreated light

eum), LC 50 (96 h): 8.41 mg/l Experimental result, Key study

White mineral oil (petroleum)

NOAEL (Oncorhynchus mykiss, 96 h): >= 100 mg/l Experimental result, Key

study

**Aquatic Invertebrates** 

**Product:** No data available.

Components:

Acetic acid, methyl ester EC 50 (Daphnia magna, 48 h): 1,026.7 mg/l Experimental result, Key study

2-Propanone LC 50 (Daphnia pulex, 48 h): 8,800 mg/l Experimental result, Key study

Naphtha (petroleum), hydrotreated light

EC 50 (Daphnia magna, 48 h): 4.5 mg/l Experimental result, Key study

White mineral oil (petroleum)

NOAEL (Daphnia magna, 48 h): >= 100 mg/l Experimental result, Key study

Chronic hazards to the aquatic environment:

**Fish** 

**Product:** No data available.

Components:

Naphtha (petroleum), hydrotreated light

NOAEL (Daphnia magna): 2.6 mg/l Other, Key study

White mineral oil (petroleum)

NOAEL (Oncorhynchus mykiss): >= 1,000 mg/l QSAR QSAR, Supporting

study

**Aquatic Invertebrates** 

**Product:** No data available.

Components:

2-Propanone LOAEL (Daphnia magna): 2,212 mg/l Experimental result, Key study

NOAEL (Daphnia magna): 2,212 mg/l Experimental result, Key study

Naphtha (petroleum), hydrotreated light

EC 50 (Daphnia magna): 10 mg/l Experimental result, Key study

White mineral oil (petroleum)

NOAEL (Daphnia magna): >= 1,000 mg/l QSAR QSAR, Supporting study

Revision Date: 09/30/2021

**Toxicity to Aquatic Plants** 

**Product:** No data available.

### Persistence and Degradability

Biodegradation

**Product:** No data available.

Components:

Acetic acid, methyl ester 70 % Detected in water. Experimental result, Key study

Propane 100 % (385.5 h) Detected in water. Experimental result, Key study

50 % (3.19 d) Detected in water. QSAR, Weight of Evidence study

2-Propanone 90.9 % (28 d) Detected in water. Experimental result, Key study

Naphtha (petroleum), 95 % (10 d) The 10-day window requirement is fulfilled.

hydrotreated light 90.35 % (28 d) Detected in water. Experimental result, Supporting study

White mineral oil 31 % (28 d) Detected in water. Read-across from supporting substance

(petroleum) (structural analogue or surrogate), Supporting study

**BOD/COD Ratio** 

**Product:** No data available.

**Bioaccumulative potential** 

**Bioconcentration Factor (BCF)** 

**Product:** No data available.

Components:

2-Propanone Haddock, adult, Bioconcentration Factor (BCF): 0.69 Aquatic sediment

Experimental result, Not specified

Naphtha (petroleum), Bioconcentration Factor (BCF): 10 - 2,500 Aquatic sediment Estimated by

hydrotreated light calculation, Key study

Partition Coefficient n-octanol / water (log Kow)

**Product:** No data available.

Components:

Naphtha (petroleum),

Log Kow: > 2.4 - < 5.7 23 °C Yes Experimental result, Key study

hydrotreated light

Mobility in soil: No data available.

Components:

Acetic acid, methyl ester

Propane

2-Propanone

No data available.

(4,8,12-trimethyltridecyl)-

Other adverse effects: Toxic to aquatic life with long lasting effects.

### 13. Disposal considerations

**Disposal instructions:** Discharge, treatment, or disposal may be subject to national, state, or local

laws.

Contaminated Packaging: No data available.

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# 14. Transport information

DOT

**UN Number:** UN 1950

**UN Proper Shipping Name:** Aerosols, flammable

Transport Hazard Class(es)

Class: 2.1 Label(s):

EmS No.:

Packing Group:

Special precautions for user: None known.

IATA

UN 1950 **UN Number:** 

**UN Proper Shipping Name:** Aerosols, flammable

Transport Hazard Class(es):

Class: 2.1 Label(s): Packing Group:

Special precautions for user: None known.

Other information

Passenger and cargo aircraft: Allowed, 203 Cargo aircraft only: Allowed, 203

**IMDG** 

UN Number: UN 1950

UN Proper Shipping Name: Aerosols, flammable

Transport Hazard Class(es)

2.1 Class: Label(s): EmS No.: F-D, S-U

Packing Group:

Special precautions for user: None known.

The classification shown in this section may be eligible for use of an exception, such as "Limited Quantity", per the dangerous goods regulations. The shipper of this product should consult the applicable mode's regulation for the UN number displayed above to determine if any exceptions are available and may be utilized, at the shipper's discretion.

### 15. Regulatory information

### **US Federal Regulations**

Restrictions on use: Not known.

TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)

US. Toxic Substances Control Act (TSCA) Section 5(a)(2) Final Significant New Use Rules (SNURs) (40 CFR 721, Subpt E)

US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050), as amended

**Chemical Identity** OSHA hazard(s) Benzene

Flammability

Cancer Aspiration Eve Blood Skin

respiratory tract irritation Central nervous system

Revision Date: 09/30/2021

### CERCLA Hazardous Substance List (40 CFR 302.4):

### **Chemical Identity**

RCRA HAZARDOUS WASTE NO. D001

Acetic acid, methyl ester

UNLISTED HAZARDOUS WASTES CHARACTERISTIC OF IGNITABILITY

2-Propanone

**ACETONE** 

Ethane, 1,1-difluoro-

**METHANOL** 

METHYL ALCOHOL

BENZENE, METHYL-

**HEXANE** 

Hexane

**CYCLOHEXANE** 

BENZENE, HEXAHYDRO-

**ETHYLBENZENE** 

**BENZENE** 

### Superfund Amendments and Reauthorization Act of 1986 (SARA)

### Hazard categories

Serious eye damage or eye irritation, Respiratory or Skin Sensitization, Specific target organ toxicity (single or repeated exposure)

# US. EPCRA (SARA Title III) Section 304 Extremely Hazardous Substances Reporting Quantities and the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) Hazardous **Substances**

None present or none present in regulated quantities.

# US. EPA Emergency Planning and Community Right-To-Know Act (EPCRA) SARA Title III Section 313 Toxic Chemicals (40 CFR 372.65) - Supplier Notification Required

None present or none present in regulated quantities.

# Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130):

Clean Water Act Section 311 Hazardous Substances (40 CFR 117.3)

# **US State Regulations**

# US. California Proposition 65



**WARNING:** This product can expose you to chemicals including, Benzene which is [are] known to the State of California to cause cancer and birth defects or other reproductive harm.

This product can expose you to chemicals including, Benzene, ethylwhich is [are] known to the State of California to cause cancer. This product can expose you to chemicals including, Methanol Benzene, methyl-Hexanewhich is [are] known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

# US. New Jersey Worker and Community Right-to-Know Act

# **Chemical Identity**

Acetic acid, methyl ester Propane 2-Propanone Naphtha (petroleum), hydrotreated light Ethane, 1,1-difluoro-Methane, 1,1'-oxybis-Heptane

White mineral oil (petroleum)

### US. Massachusetts RTK - Substance List

Revision Date: 09/30/2021

# **Chemical Identity**

Benzene

# US. Pennsylvania RTK - Hazardous Substances Chemical Identity

Acetic acid, methyl ester
Propane
2-Propanone
Naphtha (petroleum), hydrotreated light
Methane, 1,1'-oxybisHeptane
White mineral oil (petroleum)

# **US. Rhode Island RTK**

No ingredient regulated by RI Right-to-Know Law present.

# International regulations

# **Montreal protocol**

Acetic acid, methyl ester 2-Propanone Ethane, 1,1-difluoro-

Group I Annex F

# Stockholm convention

Acetic acid, methyl ester 2-Propanone Ethane, 1,1-difluoro-

# **Rotterdam convention**

Acetic acid, methyl ester 2-Propanone Ethane, 1,1-difluoro-

# **Kyoto protocol**

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**Inventory Status:** 

Australia AICS On or in compliance with the inventory

Canada DSL Inventory List On or in compliance with the inventory

Canada NDSL Inventory Not in compliance with the inventory.

Ontario Inventory On or in compliance with the inventory

China Inv. Existing Chemical Substances

On or in compliance with the inventory

Japan (ENCS) List Not in compliance with the inventory.

Japan ISHL Listing Not in compliance with the inventory.

Japan Pharmacopoeia Listing Not in compliance with the inventory.

Korea Existing Chemicals Inv. (KECI)

On or in compliance with the inventory

Mexico INSQ Not in compliance with the inventory.

New Zealand Inventory of Chemicals

On or in compliance with the inventory

Philippines PICCS On or in compliance with the inventory

Taiwan Chemical Substance Inventory

On or in compliance with the inventory

US TSCA Inventory

On or in compliance with the inventory

EINECS, ELINCS or NLP Not in compliance with the inventory.

# 16.Other information, including date of preparation or last revision

**Issue Date:** 09/30/2021

**Revision Information:** No data available.

Version #: 1.0

Further Information: No data available.

**Disclaimer:** This information is provided without warranty. The information is believed to

be correct. This information should be used to make an independent determination of the methods to safeguard workers and the environment.

SDS US - RE1000037460

Product Code: 06-951-12

### Print Date: 11/3/20 Total pages: Page 1 of 8

# SAFETY DATA SHEET

# 1. Product and Company Identification

Product Name: Blair gloss Retouch

**Product Code:** 40016 **Product Type:** Aerosol **Product Use:** Art Material

Distributed by: Creative Art Materials Ltd. Revision Date: 3/30/2019

Emergency Phone: 1-800-255-3924 Address: 1214 River Hwy

> **Phone**: (704) 664-1427 Mooresville, NC 28117

**NOTE:** The information contained herein is accurate to the best of our knowledge. We do not suggest or guarantee that any hazards listed herein are the only ones which exist. We provide this information as guidance for providing personal protection to your employees. The user has the sole responsibility to determine the suitability of the materials for any use and the manner of use contemplated. The user must meet all applicable safety and health standards. We provide this information as guidance for providing personal protection to your employees.

### 2. Hazard Identification

### Classification of substance or mixture:

Flammable Aerosols Category 1 Gases Under Pressure Liquefied Gas Category 2, Skin Irritation Skin Sensitization Category 1 Carcinogenicity Category 1 Germ Cell Mutagenicity Category 1 Toxic to Reproduction Category 2 Eye damage/irritation Category 2A

Specific target organ toxicity,

single exposure Category 3 (Central nervous system)

Specific target organ toxicity

repeated exposure Category 1 (inhalation)

Aspiration hazard Category 1 Acute Toxicity Oral Category 4 Category 4 Acute Toxicity Dermal Acute Toxicity Inhalation Category 4

# GHS Classification in accordance with 29 CFR 1910 (OSHA HCS)

### **Pictograms**





Signal Word: Danger

Hazard Statement(s)

Product Name: 40016 Blair Gloss Varnish Print Date: 11/3/20 Product Code: 06-951-12 Total pages: Page 2 of 8

H222 Extremely flammable aerosol H280 Contains gas under pressure; may explode if heated. H315\* Causes Skin irritation H317\* May cause an allergic skin reaction H340 May cause genetic defects H350 May cause cancer H361\* Suspected of damaging fertility or the unborn child H336 \* May cause drowsiness or dizziness H373\* May cause damage to organs through prolonged or repeated exposure H319\* Causes serious eye irritation H304\* May be fatal if swallowed and enters airways H332 Harmful if inhaled H302 Harmful if swallowed H312 Harmful in contact with skin

# **Precautionary Statements:**

### **Prevention**

P201	Obtain special instructions before use.
P202	Do not handle until all safety precautions have been read and understood
P281	Use personal protective equipment as required.
P210	Keep away from heat, hot surfaces, sparks, open flames, and other ignition sources. No smoking.
P211	Do not spray on an open flame or other ignition source
P251	Pressurized container: Do not pierce or burn, even after use.
P260	Do not breathe dust/fume/ gas/mist.
P264	Wash thoroughly after handling.
P272	Contaminated work clothing should not be allowed out of the workplace.
P271	Use only outdoors or in a well-ventilated area.
P270	Do not ear drink or smoke when using this product.
P280	Wear protective gloves//eye /face protection/clothing when using this product.

Response	
P304+P340	If Inhaled: Remove victim to fresh air and keep comfortable for breathing.
P312	Call a poison center/doctor/if you feel unwell.
P301+P312	If swallowed: Immediately call a poison center or doctor/physician.
P331	Do not induce vomiting
P330	Rinse mouth
P302+P352	If on skin: wash with plenty of water and soap.
P333+P313	If skin irritation or rash occurs: Get medical advice/attention.
P363	Wash contaminated clothing and wash it before reuse.
P305+P351+	
P338	If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if
	present and easy to do. Continue rinsing.
P337+P313	If eye irritation persists: Get medical advice/attention.
P308+P313	If exposed or concerned: Get medical attention.

### **Storage and Disposal**

P405	Store locked up
P403	Store in a well ventilated place
P410+P412	Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.
P501	Dispose of contents/container in accordance with local/regional regulations.

Print Date: 11/3/20 Product Code: 06-951-12 Total pages: Page 3 of 8

# 3. Composition information on ingredients

Ingredients	CAS # Percent	
Liquefied Petroleum Gas	68476-86-8	20-30 %
Dammar resin	9000-16-2	5-7 %
Naphtha, petroleum, hydrotreated h	neavy 64742-48-9	<1%
n-hexane	110-54-3	20-30%
Hexane	mixtures	15-20%
Mineral Spirits	8052-41-3	5-15%
A-Pinene	80-56-8	5-10%
B-Pinene	127-91-3	1-3%
Isopropyl Alcohol	67-63-0	3

### 4. First Aid Measures

### **Eye Contact:**

Flush with warm water for 15 minutes. Seek medical attention.

### **Skin Contact:**

Wash with soap and water. Remove any contaminated clothing and launder before reusing. If irritation persists, seek medical attention.

### Inhalation:

Remove exposed individual to fresh air, protecting yourself. Restore breathing if necessary. Contact a physician.

# **Ingestion**:

Do not induce vomiting. Get medical attention immediately. DO NOT GIVE AN UNCONCIOUS OR CONVULSING PERSON ANYTHING BY MOUTH!

# 5. Fire Fighting Measures

Flash Point: Flash point of propellant <0 degrees F.

# Flammable limits in air, % by volume:

9.5 (VOL.) Gas in air (propellant portion) Upper: 1.8 % (VOL.) Gas in air (propellant portion) Lower:

### **Extinguishing Media:**

Dry chemical, carbon dioxide, halon, or foam is recommended. Water spray may be used to cool containers or structures. Halon may decompose into toxic materials and carbon dioxide will displace oxygen, take proper precautions when using these materials.

### **Unusual Fire & Explosion Hazards:**

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This material may be ignited by extreme heat, sparks, flames or other ignition sources (static electricity). Vapors are heavier than air and will collect in low areas (sewers) or travel considerable distances. If containers are not cooled in a fire, they may rupture and ignite.

### **Special Fire Fighting Procedures:**

At elevated temperatures (over 130F) aerosol container may burst, vent or rupture; use equipment or shielding to protect personnel. Cooling exposed containers with streams of water may be helpful. Emergency responders should wear self-contained breathing apparatus. Wear other protective gear as conditions warrant. Keep unauthorized people out and try to contain spills or leaks if it can be done safely. Material will float on water, avoid spreading the fire.

# 6. Accidental Release Measures

### **Spill or Leak Instructions**

Contain spill with dikes of soil or nonflammable absorbent to minimize contaminated area. Avoid run-off into storm sewers and ditches leading to waterways. If required, notify state and local authorities. Place leaking containers in well-ventilated area. Clean up small spills by using a nonflammable absorbent or flushing sparingly with water. Contain larger spills with nonflammable diking or absorbent. Clean up by vacuuming or sweeping.

Keep unnecessary people away; isolate hazard area and deny entry. Stay upwind; keep out of low areas. Assess the spill situation, as the spill may not evolve large amounts of hazardous airborne contaminants in many outdoor spill situations. It may be advisable in some cases to simply monitor the situation until spilled product is removed.

# 7. Handling and Storage

### Handling:

Store below 120°F in cool, dry area, out of direct sunlight and away from strong oxidizers. Do not puncture or burst. Use in accordance with good work place practices. Use with adequate ventilation. Keep containers closed when not in use. Always open containers slowly to allow any excess pressure to vent. Avoid breathing vapor. Avoid contact with eyes, skin or clothing. Wash thoroughly with soap and water after handling. Decontaminate soiled clothing thoroughly before re-use. Destroy contaminated leather clothing.

Empty containers may contain residues from the product. Treat empty containers with the same precautions as the material last contained. Do not cut, weld or apply heat to empty containers Do not incinerate

### Storage:

Store in a cool, dry area, away form heat or direct sunlight. Keep containers closed when not in use. Do not store with incompatible materials

# 8. Exposure Controls / Personal Protection

### **Protective Equipment:**

Use synthetic gloves if necessary to prevent excessive skin contact. Do not wear contacts and always use ANSI approved safety glasses or splash shield.

### **Engineering Controls:**

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General or dilution ventilation is frequently sufficient as the sole means of controlling employee exposure. Local ventilation is usually preferred. Use a NIOSH approved respirator if ventilation is not adequate to maintain exposures below TLV levels.

### **Respiratory Protection:**

Use adequate ventilation to maintain exposure limits. If the exposure limits of the products or any of its components is exceeded, an approved organic vapor mask should be used (consult your safety equipment supplier). Above 1000 ppm, an approved self-contained breathing apparatus or airline respirator with full face-piece is required

# Other Suggested Equipment:

Eye wash station and emergency showers should be available. Spill containment equipment should be available.

### **Discretion Advised:**

We. take no responsibility for determining what measures are required for personal protection in any specific application. The general information should be used with discretion.

# **Exposure guidelines:**

Ingredients	CAS#	Percent	Expo	sure Limits
Liquefied Petroleum Gas	68476-86-8		(PEL) H TLV	1000 ppm 1000 ppm
N-haexane	110-54-3	OSHA (I ACGIH 1	,	500 ppm 50 ppm
Mineral Spirits	8052-41-3	OSHA (I ACGIH (	,	500 ppm 100 ppm
A-Pinene	80-56-8	OSHA ( ACGIH (		100 ppm 100 ppm
B-Pinene	127-91-3	OSHA (I ACGIH (	,	100 ppm 100 ppm
Isopropyl Alcohol	67-63-0	OSHA (I ACGIH (	,	400 ppm 200 ppm
Dammar resin	9000-16-2	NE		
Naphtha, petroleum, hydro. heavy	64742-48-9	NE		

# 9. Physical and Chemical Properties

**Appearance**: Clear as dispensed from aerosol can. **Odor**: Sweet, pungent

**Evaporation Rate:** Ether = 1 Slower

PH: NA

Initial Boiling point and boiling range: NE

Flammability: NA

Vapor density >1 (Air=1) Relative density NE Melting/Freezing point: NE

**Flash Point:** Flash point of propellant <0°F

Vapor pressure: >30 psi

Solubilitiy: negligible

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Partition coefficient: NE **Auto-ignition temperature: NE** 

**Decomposition temperature:** NE Viscosity: NA

Flammable limits in air, % by volume: (propellant portion)

**Upper:** 9.5%(vol) Gas in Air Lower: 1.8% (vol) Gas in Air

# 10. Stability and Reactivity

Stability: Stable Conditions to Avoid: Heat, spark, and open flame

**Incompatibility**: Strong-Oxidizing Agents

Hazardous Decomposition: Combustion will produce Carbon Monoxide, Carbon Dioxide and nitrogen-

oxygen compounds.

Hazardous Polymerization: Will not occur

# 11. Toxicological Information

### **Component Toxicological Information:**

### Acute oral toxicity

Hexane Isomers LD 50 Rat: > 5,000 mg/kg N-hexane LD 50 Rat: 25 g/kg Mineral Spirits LD 50 Rat: > 5 g/kg Isoproply Alcohol LD 50 Rat: 5,045 mg/kg LD50 rat 3700 mg/kg Alpha Pinene Beta Pinene LD50 mg/kg >5000

Acute inhalation toxicity

Hexane Isomers LD 50 Rat: >3367 4 h LD 50 Rat: 48000, 4 h N-hexane Isoproply Alcohol LD 50 Rat: 16,000 mg/l

### Acute dermal toxicity

Hexane Isomers LD 50 Rabbit: > 2,000 mg/kg LD 50 Rabbit > 1.3 g/kgN-hexane Mineral Spirits LD 50 Rabbit: >3 g/kg Isoproply Alcohol LD 50 Rabbit: 12,800 mg/kg Alpha Pinene LD50 rabbit 2000 mg/kg Beta Pinene LD50 mg/kg 2000

# 12. Ecological Information

Component **Ecotoxicity** 

Hexane 96 Hr LC50 Pimephales promelas: 2.1- 2.98 mg/L [flow-through]

Naphtha petroleum, hydrotreated heavy 96 hr LC50 Pemephales promelas: 2200 mg/L

### 13. Disposal Considerations

Do not puncture or burn containers. Give empty, leaking, or full containers to disposal service equipped to handle and dispose of aerosol (pressurized) containers. Dispose of spilled material in accordance with state Product Name: 40016 Blair Gloss Varnish
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and local regulations for waste that is non-hazardous by Federal definition. Note that this information applies to the material as manufactured; processing, use, or contamination may make this information

inappropriate, inaccurate, or incomplete.

Note that this handling and disposal information may also apply to empty containers, liners and rinsate. State or local regulations or restrictions are complex and may differ from federal regulations. This information is intended as an aid to proper handling and disposal; the final responsibility for handling and disposal is with the owner of the waste. See Section 9 - Physical and Chemical Properties.

# 14. Transport Information

Aerosols (limited quantity), Class 2.1, ERG 126

AIR (IATA)
Aerosols (limited quantity),
Class 2.1, ERG 126, UN No. 1950
Vessel
Aerosol (Limited Quantity), Class 2.1, UN No 1950

# 15. Regulatory Information

### **Environmental Regulations**

SARA 311/312:

Immediate (x) Delayed () Fire (x) Reactive () Sudden Release of Pressure (x)

Section 313

This product contains:

n-hexane 110-54-3 25%

California Prop. 65: None

All the chemicals used in this product are TSCA listed.

Check with your local regulators to be sure all local regulations are met.

### 16. Other Information

**Hazard ratings** This information is intended solely for the use of individuals trained in the NFPA and/or HMIS systems.

**NFPA:** Level 3 Aerosol

HMIS: Health: 2 Flammability: 4 Reactivity: 0

RATING: 4-EXTREME 3-HIGH 2-MODERATE 1-SLIGHT 0-INSIGNIFICANT

# Note:

The information contained herein is accurate to the best of our knowledge. We do not suggest or guarantee

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that any hazards listed herein are the only ones which exist. We make no warranty of any kind, express or implied, concerning the safe use of this material in your process or in combination with other substances. Effects can be aggravated by other materials and/or this material may aggravate or add to the effects of other materials. This material may be released from gas, liquid, or solid materials made directly or indirectly from it. User has the sole responsibility to determine the suitability of the materials for any use and the manner of use contemplated. User must meet all applicable safety and health standards. Possession of an SDS does not indicate that the possessor of the SDS was a purchaser or user of the subject product.

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# SAFETY DATA SHEET

# 1. Product and Company Identification

**Product Name:** Blair Glaze Supreme

**Product Code:** 81016 **Product Type:** Aerosol **Product Use:** Art Material

**Distributed by:** Creative Art Materials Ltd **Revision Date**: 4/01/2019

Emergency Phone: 1-800-255-3924 Address: 1214 River Hwy

> **Phone**: (704) 664-1427 Mooresville, NC 28117

**NOTE:** The information contained herein is accurate to the best of our knowledge. We do not suggest or guarantee that any hazards listed herein are the only ones which exist. We provide this information as guidance for providing personal protection to your employees. The user has the sole responsibility to determine the suitability of the materials for any use and the manner of use contemplated. The user must meet all applicable safety and health standards. We provide this information as guidance for providing personal protection to your employees.

### 2. Hazard Identification

### Classification of substance or mixture:

Flammable Aerosols Category 1 Gases Under Pressure Liquefied Gas Category 2, Skin Irritation Toxic to Reproduction Category 2 Eye damage/irritation Category 2A

Specific target organ toxicity,

single exposure Category 3 (Central nervous system)

Specific target organ toxicity

repeated exposure Category 2 (inhalation)

Aspiration hazard Category 1

### GHS Classification in accordance with 29 CFR 1910 (OSHA HCS)

### **Pictograms**









Signal Word: Danger

Hazard Statement(s)

H222 Extremely flammable aerosol

H280 Contains gas under pressure; may explode if heated.

H315 Causes Skin irritation

H361 Suspected of damaging fertility or the unborn child

May cause drowsiness or dizziness H336

May cause damage to organs through prolonged or repeated exposure H373

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H319 Causes serious eye irritation

H304 May be fatal if swallowed and enters airways

# **Precautionary Statements:**

Prevention		
P201	Obtain special instructions before use.	
P202	Do not handle until all safety precautions have been read and understood	
P281	Use personal protective equipment as required.	
P210	Keep away from heat, hot surfaces, sparks, open flames, and other ignition sources. No smoking.	
P211	Do not spray on an open flame or other ignition source	
P251	Pressurized container: Do not pierce or burn, even after use.	
P260	Do not breathe dust/fume/ gas/mist/vapours/spray	
P264	Wash thoroughly after handling.	
P272	Contaminated work clothing should not be allowed out of the workplace.	
P271	Use only outdoors or in a well-ventilated area.	
P280	Wear protective gloves/protective clothing/eye protection/face protection.	
D		
Response	TCT 1 1 1 D	
P304+P340	If Inhaled: Remove victim to fresh air and keep comfortable for breathing.	
P312	Call a poison center/doctor/if you feel unwell.	
P301+P310	If swallowed: Immediately call a poison center or doctor/physician.	
P331	Do not induce vomiting	
P302+P352	If on skin: wash with plenty of water and soap.	
P332+P313	If skin irritation occurs: Get medical advice/attention.	
P362	Take off contaminated clothing and wash before reuse	
P305+P351+		
P338	If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if	
D227 - D212	present and easy to do. Continue rinsing.	
P337+P313	If eye irritation persists: Get medical advice/attention.	
P308+P313	If exposed or concerned: Get medical attention.	

# Storage and Disposal

P405	Store locked up
P403	Store in a well ventilated place.
P410+P412	Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F
P501	Dispose of contents/container in accordance with local/regional regulations.

# 3. Composition information on ingredients

Ingredients	CAS#	Percent
Liquefied Petroleum Gas	68476-86-8	20-30 %
Toluene	108-88-3	25-35
Acetone	67-64-1	20-30 %
Benzene, ethenylmethyl-polymer With (1-ethylethenyl) benzene	9017-27-0	6-10%
Ethylbenzene	100-41-4	<1%

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Acrylic Resin Inert Acrylic 9-15%

### 4. First Aid Measures

### **Eve Contact:**

Flush with warm water for 15 minutes. Seek medical attention.

### **Skin Contact:**

Wash with soap and water. Remove any contaminated clothing and launder before reusing. If irritation persists, seek medical attention.

### Inhalation:

Remove exposed individual to fresh air, protecting yourself. Restore breathing if necessary. Contact a physician.

### **Ingestion**:

Do not induce vomiting. Get medical attention immediately. DO NOT GIVE AN UNCONCIOUS OR CONVULSING PERSON ANYTHING BY MOUTH!

# 5. Fire Fighting Measures

**Flash Point**: Flash point of propellant <0 degrees F.

### Flammable limits in air, % by volume:

**Upper:** 9.5 (VOL.) Gas in air (propellant portion) **Lower:** 1.8 % (VOL.) Gas in air (propellant portion)

### **Extinguishing Media:**

Dry chemical, carbon dioxide, halon, or foam is recommended. Water spray may be used to cool containers or structures. Halon may decompose into toxic materials and carbon dioxide will displace oxygen, take proper precautions when using these materials.

### **Unusual Fire & Explosion Hazards:**

This material may be ignited by extreme heat, sparks, flames or other ignition sources (static electricity). Vapors are heavier than air and will collect in low areas (sewers) or travel considerable distances. If containers are not cooled in a fire, they may rupture and ignite.

### **Special Fire Fighting Procedures:**

At elevated temperatures (over 130F) aerosol container may burst, vent or rupture; use equipment or shielding to protect personnel. Cooling exposed containers with streams of water may be helpful. Emergency responders should wear self-contained breathing apparatus. Wear other protective gear as conditions warrant. Keep unauthorized people out and try to contain spills or leaks if it can be done safely. Material will float on water, avoid spreading the fire.

### 6. Accidental Release Measures

### **Spill or Leak Instructions**

Contain spill with dikes of soil or nonflammable absorbent to minimize contaminated area. Avoid run-off into storm sewers and ditches leading to waterways. If required, notify state and local authorities. Place leaking containers in well-ventilated area. Clean up small spills by using a nonflammable absorbent or

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flushing sparingly with water. Contain larger spills with nonflammable diking or absorbent. Clean up by vacuuming or sweeping.

Keep unnecessary people away; isolate hazard area and deny entry. Stay upwind; keep out of low areas. Assess the spill situation, as the spill may not evolve large amounts of hazardous airborne contaminants in many outdoor spill situations. It may be advisable in some cases to simply monitor the situation until spilled product is removed.

# 7. Handling and Storage

# Handling:

Store below 120°F in cool, dry area, out of direct sunlight and away from strong oxidizers. Do not puncture or burst. Use in accordance with good work place practices. Use with adequate ventilation. Keep containers closed when not in use. Always open containers slowly to allow any excess pressure to vent. Avoid breathing vapor. Avoid contact with eyes, skin or clothing. Wash thoroughly with soap and water after handling. Decontaminate soiled clothing thoroughly before re-use. Destroy contaminated leather clothing.

Empty containers may contain residues from the product. Treat empty containers with the same precautions as the material last contained. Do not cut, weld or apply heat to empty containers Do not incinerate

### Storage:

Store in a cool, dry area, away form heat or direct sunlight. Keep containers closed when not in use. Do not store with incompatible materials

# 8. Exposure Controls / Personal Protection

### **Protective Equipment:**

Use synthetic gloves if necessary to prevent excessive skin contact. Do not wear contacts and always use ANSI approved safety glasses or splash shield.

### **Engineering Controls:**

General or dilution ventilation is frequently sufficient as the sole means of controlling employee exposure. Local ventilation is usually preferred. Use a NIOSH approved respirator if ventilation is not adequate to maintain exposures below TLV levels.

### **Respiratory Protection:**

Use adequate ventilation to maintain exposure limits. If the exposure limits of the products or any of its components is exceeded, an approved organic vapor mask should be used (consult your safety equipment supplier). Above 1000 ppm, an approved self-contained breathing apparatus or airline respirator with full face-piece is required

# Other Suggested Equipment:

Eye wash station and emergency showers should be available. Spill containment equipment should be available.

### **Discretion Advised:**

We. take no responsibility for determining what measures are required for personal protection in any specific application. The general information should be used with discretion.

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# **Exposure guidelines:**

Ingredients	CAS#	Percent	<b>Exposure Limits</b>
Liquefied Petroleum Gas	68476-86-8	20-30 %	OSHA (PEL) 1000 ppm ACGIH TLV 1000 ppm
Toluene	108-88-3	25-35	OSHA (TWA) 200 ppm ACGIH (TWA) 20 ppm
Acetone	67-64-1	20-30 %	OSHA (PEL) 1000 ppm ACGIH (TWA) 500 ppm
Benzene, ethenylmethyl-polymer With (1-ethylethenyl) benzene	9017-27-0	6-10%	OSHA NE ACGIH NE
Ethylbenzene	100-41-4	<1%	OSHA (twa) 100 ppm ACGIH (twa) 20 ppm
Acrylic Resin	Inert Acrylic	9-15%	OSHA NE ACGIH NE

# 9. Physical and Chemical Properties

**Appearance**: Clear as dispensed from aerosol can. **Odor**: Sweet, pungent

**Evaporation Rate:** Ether = 1 Slower

PH: NA Melting/Freezing point: NE

Solubility: negligible

Flammability: NA Vapor pressure: >30 psi

Vapor density >1 (Air=1)

Relative density NE

Partition coefficient: NE Auto-ignition temperature: NE

Decomposition temperature: NE Viscosity: NA

Flammable limits in air, % by volume: (propellant portion)

**Upper:** 9.5%(vol) Gas in Air **Lower:** 1.8% (vol) Gas in Air

# 10. Stability and Reactivity

Stability: Stable Conditions to Avoid: Heat, spark, and open flame

**Incompatibility**: Strong-Oxidizing Agents

Hazardous Decomposition: Combustion will produce Carbon Monoxide, Carbon Dioxide and nitrogen-

oxygen compounds.

Hazardous Polymerization: Will not occur

# 11. Toxicological Information

# **Component Toxicological Information:**

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**Acute oral toxicity** 

Acetone LD 50 (rat) 5.800 mg/kg toluene LD 50 Rat 2.6 7.5 g/kg

Acute inhalation toxicity

Acetone LC50 (rat) 76.0 mg/l

LC 50 Rat: 8,000 ppm 49 g/m3 4h Toluene

Acute dermal toxicity

LD50 > 7,426 mg/kgAcetone Toluene LD 50 Rabbit 14 g/kg

### **Chronic Toxicity**

This product contains an ingredient listed by IARC, NTP or OSHA as chemical carcinogen (Hexalent Chromium)

### Information on Toxicological Effects of Components

#### Toluene

Carcinogenicity: Exposure of rats and mice to toluene at concentrations ranging from 120-1200 ppm for two years did not demonstrate evidence of carcinogenicity. Toluene has not been listed as a carcinogen by IARC.

Target Organs: Epidemiology studies suggest that chronic occupational overexposure to toluene may damage color vision. Subchronic and chronic inhalation studies with toluene produced kidney and liver damage, hearing loss and central nervous system (brain) damage in laboratory animals. Intentional misuse by deliberate inhalation of high concentrations of toluene has been shown to cause liver, kidney, and central nervous system damage, including hearing loss and visual disturbances.

Reproductive Toxicity: Exposure to toluene during pregnancy has demonstrated limited evidence of developmental toxicity in laboratory animals. Decreased fetal body weight and increased skeletal variations in both inhalation and oral studies, but only at doses that were maternally toxic. No fetal toxicity was seen at doses that were not maternally toxic. Decreased sperm counts have been observed in male rats in the absence of a reduction in fertility. Toluene has been reported to cause mental or growth retardation in the children of solvent abusers who directly inhale toluene during pregnancy.

# 12. Ecological Information

No Data available..

# 13. Disposal Considerations

Do not puncture or burn containers. Give empty, leaking, or full containers to disposal service equipped to handle and dispose of aerosol (pressurized) containers. Dispose of spilled material in accordance with state and local regulations for waste that is non-hazardous by Federal definition. Note that this information applies to the material as manufactured; processing, use, or contamination may make this information inappropriate, inaccurate, or incomplete.

Note that this handling and disposal information may also apply to empty containers, liners and rinsate. State or local regulations or restrictions are complex and may differ from federal regulations. This information is intended as an aid to proper handling and disposal; the final responsibility for handling and disposal is with the owner of the waste. See Section 9 - Physical and Chemical Properties.

# 14. Transport Information

Aerosols (limited quantity), Class 2.1, ERG 126

AIR (IATA) Aerosols (limited quantity), Class 2.1, ERG 126, UN No. 1950 Product Name: 81216 blair Glaze Supreme Print Date: 11/3/20

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# Vessel Aerosol (Limited Quantity), Class 2.1, UN No 1950

# 15. Regulatory Information

## **Environmental Regulations**

SARA 302/304: SARA 311/312:

Delayed ( ) Fire ( x ) Reactive ( ) Sudden Release of Pressure ( x ) Immediate (x)

Section 313

This product contains:

Toluene 1-4%

California Prop 65

WARNING! This product contains a chemical known in the State of California to cause

Ethylbenzene 100-41-4

WARNING! This product contains a chemical known in the State of California to cause birth defects or other reproductive harm.

TOLUENE 108-88-3

All the chemicals used in this product are TSCA listed.

Check with your local regulators to be sure all local regulations are met.

### 16. Other Information

Hazard ratings This information is intended solely for the use of individuals trained in the NFPA and/or HMIS systems.

NFPA: Level 3 Aerosol

HMIS: Health: 2 Flammability: 4 Reactivity: 0

RATING: 4-EXTREME 3-HIGH 2-MODERATE 1-SLIGHT 0-INSIGNIFICANT

#### Note:

The information contained herein is accurate to the best of our knowledge. We do not suggest or guarantee that any hazards listed herein are the only ones which exist. We make no warranty of any kind, express or implied, concerning the safe use of this material in your process or in combination with other substances. Effects can be aggravated by other materials and/or this material may aggravate or add to the effects of other materials. This material may be released from gas, liquid, or solid materials made directly or indirectly from it. User has the sole responsibility to determine the suitability of the materials for any use and the manner of use contemplated. User must meet all applicable safety and health standards. Possession of an SDS does not indicate that the possessor of the SDS was a purchaser or user of the subject product.