

GHS SAFETY DATA SHEET

Frida Art and Craft Glass Paint Textured Effect

SECTION 1: PRODUCT AND COMPANY INFORMATION

Product Names: **Frida Art and Craft Glass Paint Textured Effect**
Light Yellow, Dark Yellow, Amber, Brown, Orange, Red, Pink, Bugambilia, Purpura, Grape, Light Blue, Dark Blue, Marine Blue, Light Green, Medium Green, Dark Green, Dry Green, Transparent, White, and Black (20 formulations).

Product Use: **Textured Effect Paints**

Supplier/Manufacturer: ROEL COMERCIALIZADORA S.A. DE C.V.
Mirador 90
COL. EL MIRADOR DEL. COYOACAN
COYOACAN 04950 MEXICO

Phone: ++52.55.56.73.59.95

Emergency Phone No. (México) ++52+1+55.54.33.72.24

Emergency Phone No. (USA, InfoTox) 1-888-387-3265

Contact Person: Lorena Cepeda

SECTION 2: HAZARDS IDENTIFICATION

GHS CLASSIFICATION:

Health	
Acute Toxicity:	Category 4
Skin Irritation:	Category 2
Skin Sensitization:	No
Eye:	Causes Serious Eye Damage, Category 1
Aspiration Hazard:	Category 2
Environmental	
Acute Toxicity:	None Known
Chronic Toxicity:	None Known
Physical	
Flammable Liquid:	Category 2

GHS LABEL: SIGNAL WORD: DANGER



Hazard Statements	Precautionary Statements
<p>H225: Highly flammable liquid and vapor H304: May be fatal if swallowed and enter airways. H318: Cause serious eye damage H332: Harmful if inhaled H335: May cause respiratory irritation H336: May cause drowsiness or dizziness H361: Suspected of damaging fertility. Suspected of damaging the unborn child. H373: May cause damage to organs through prolonged or repeated exposure.</p>	<p>P210: Keep away from heat/sparks/open flames/hot surfaces-No smoking P243: Take precautionary measures against static discharge. P261: Avoid breathing dust/fume/gas/mist/vapors/spray P280: Wear protective gloves/protective clothing/eye protection/face protection P303+P361+P353: IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. P304 + P340: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. P308+P313: IF exposed or concerned: Get medical advice/attention. P331: Do NOT induce vomiting. P403+P233: Store in a well ventilated place. Keep containers tightly closed. P501: Dispose of contents/container in accordance with local regulations.</p>

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Only Hazardous Ingredients are listed

Chemical	CAS#	EINECS#	Concentration Range
Methyl Ethyl Ketone	78-98-3	203-726-8	15-30
Toluene*	108-88-3	Not Found	15-30
Cyclohexanone	108-94-1	203-631-1	5-15

All of the constituents of this product are listed on the TSCA inventory of chemical substances maintained by the US EPA, or are exempt from that listing.

*Indicates this chemical is subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right-to-Know Act of 1986 (40CFR372)

SECTION 4: FIRST AID MEASURES

Contact with eyes: Flush eyes immediately with plenty of water for 15 minutes and seek medical advice immediately.

Skin contact: Remove contaminated clothing and shoes. Wash skin thoroughly with soap and water. If irritation develops, seek medical advice.

Inhalation: Remove to fresh air. If breathing is stopped, give artificial respiration. If breathing is difficult, give oxygen. Seek medical advice.

Ingestion: Rinse mouth with water. Give 1 or 2 glasses of water or milk to dilute. Do not induce vomiting. Seek medical advice immediately.

SECTION 5: FIRE FIGHTING MEASURES

Suitable Extinguishing Media: Dry chemical powder, carbon dioxide gas, foam, Halon, water fog.

Unsuitable Extinguishing Media: High pressure water spray or stream which will spread the fire.

Exposure Hazards: Inhalation and dermal contact.

Combustion Products: Oxides of carbon and smoke.

Protection for Firefighters: Self contained breathing apparatus or full-face positive pressure airline masks.

	HMIS	NFPA	Legend
Health	2	2	0=Minimal
Flammability	3	3	1=Slight
Reactivity	0	0	2=Moderate
			3=Serious
			4=Severe

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal precautions: Keep away from heat, sparks and open flame. Provide sufficient ventilation, use explosion-proof exhaust ventilation equipment or wear suitable respiratory protective equipment. Prevent contact with skin or eyes (see section 8).

Environmental Precautions: Prevent product or liquids contaminated with product from entering sewers, drains and or open water course.

Methods for Cleaning up: Clean up with sand or other inert absorbent material.

Transfer to a closable steel vessel.

Materials not to be used for clean up: Aluminum or plastic containers.

SECTION 7: HANDLING AND STORAGE

Handling: Avoid breathing of vapor. Avoid contact with eyes, skin and clothing. Keep away from ignition sources, use only electrically grounded handling equipment and ensure adequate ventilation/fume exhaust hoods. Do not eat, drink or smoke while handling.

Storage: Store in ventilated room or shade below 44C (110F) and away from direct sunlight. Keep away from ignition sources and incompatible materials, caustics, ammonia, inorganic acids, chlorinated compounds, strong oxidizers and isocyanates. Follow all precautionary information on container label, product bulletins and solvent handling literature.

SECTION 8: PRECAUTIONS TO CONTROL EXPOSURE/PERSONAL PROTECTION

Exposure Limits:

Component	ACGIH TLV	ACGIH STEL	OSHA PEL
Methyl Ethyl Ketone	200 ppm	300 ppm	200 ppm
Toluene	20 ppm TWA	Not found	200 ppm TWA, 300 ppm ceiling
Cyclohexanone	20 ppm	50 ppm	50 ppm

Engineering Controls: Use local exhaust as needed.

Monitoring: Maintain breathing zone airborne concentrations below exposure limits.

Personal Protective Equipment (PPE):

Eye Protection: Avoid contact with eyes, wear splash-proof chemical goggles, face shield, safety glasses (spectacles) with brow guards and side shields, etc as may be appropriate for the exposure.

Respiratory Protection: Prevent inhalation of the solvents. Use in a well-ventilated room. Open doors and/or windows to ensure airflow and air changes. Use local exhaust ventilation to remove airborne contaminants from employee breathing zone and to keep contaminants below levels listed above. With normal use, the Exposure Limit Value will not usually be reached. When limits are approached, use respiratory protection equipment.

If it is not possible to reduce airborne exposure levels to below the OSHA PEL with ventilation, use the table below to assist you in selecting respirators that will reduce personal exposures to below the OSHA PEL. This table is part of the NIOSH Respirator Selection Logic, 2004, Chapter III, Table 1, "Particulate Respirators". The full document

can be found at www.cdc.gov/niosh/npptl/topics/respirators; the user of this SDS document is directed to that site for information concerning respirator selection and use. The assigned protection factor (APF) is the minimum anticipated level of protection provided by each type of respirator worn in accordance with an adequate respiratory protection program. For example, an APF of 10 means that the respirator should reduce the airborne concentration of a particulate by a factor of 10, so that if the workplace concentration of a particulate was 150 ug/m³, than a respirator with an APF of 10 should reduce the concentration of particulate to 15 ug/m³.

Assigned protection Factor (APF)	Type of Respirator (Use only NIOSH-certified respirators)
10	Any air-purifying elastomeric half-mask respirator equipped with appropriate type of particulate filter.(2) Appropriate filtering face piece respirator. (2)(3) Any air-purifying full face piece respirator equipped with appropriate type of particulate filter.(2) Any negative pressure (demand) supplied-air respirator equipped with a half-mask.
25	Any powered air-purifying respirator equipped with a hood or helmet and a high efficiency (HEPA) filter. Any continuous flow supplied-air respirator equipped with a hood or helmet.
50	Any air-purifying full face piece respirator equipped with N-100, R-100, or P-100 filter(s). Any powered air-purifying respirator equipped with a tight-fitting face piece (half or full face piece) and a high-efficiency filter. Any negative pressure (demand) supplied air respirator equipped with a full face piece. Any continuous flow supplied-air respirator equipped with a tight-fitting face piece (half or full face piece) Any negative pressure (demand) self-contained respirator equipped with a full face piece.
1,000	Any pressure-demand supplied-air respirator equipped with a half-mask.

Explanation for numbers given above:

1. The protection offered by a given respirator is contingent upon (1) the respirator user adhering to complete program requirements (such as the ones required by OSHA in 29CFR1910,134), (2) the use of NIOSH-certified respirators in their approved configuration, and (3) individual fit testing to rule out those respirators that cannot achieve a good fit on individual workers.
2. Appropriate means that the filter medium will provide protection against the particulate in question.
3. An APF of 10 can only be achieved if the respirator is qualitatively or quantitatively fit tested on individual workers.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Liquid with characteristic color.

Odor: Petroleum Solvent-like

pH: Not Applicable

Melting/Freezing point: Not Found

Boiling point: 79.64C (175.4F) based on MEK

Flash Point: -9C (15.8F) Closed Cup based on MEK

Specific Gravity: Approximately 1

Solubility: Slightly soluble in water.

Partition Coefficient n-octanol/water: Not available.

Auto-Ignition temperature: 515C (959F) based on MEK.

Decomposition Temperature: Not available.

VOC Content: approximately 800 grams per liter (6.67 pounds per gallon).

Odor Threshold: 5.4 ppm (MEK)

Boiling Range: 79.64C (175.4F) to 155.6C (312.2F)

Evaporation Rate: >1 (Bu Ac=1)

Flammability: Category 2

Flammability Limits: LEL: 1.4% based on MEK

UEL: 11.4% based on MEK

Vapor Pressure: 78mm Hg @ 20C (68F) MEK

Vapor Density: >2 (Air=1)

Other Data: Viscosity: Medium bodied.

SECTION 10: STABILITY AND REACTIVITY

Stability: Stable

Hazardous decomposition products: None in normal use. When forced to burn, this product gives off oxides of carbon and mixed organic polymers.

Conditions to avoid: Keep away from heat, sparks, open flame and other ignition sources.

Incompatible Materials: Oxidizers, strong acids and bases.

SECTION 11: TOXICOLOGICAL INFORMATION

Likely Routes of Exposure: Inhalation, Eye and Skin Contact

Acute symptoms and effects:

Inhalation: Severe overexposure may result in nausea, dizziness, headache. Can cause drowsiness, irritation of eyes and nasal passages.

Eye Contact: Vapors slightly uncomfortable. Overexposure may result in severe eye injury with corneal or conjunctival inflammation on contact with the liquid.

Skin Contact: Liquid contact may remove natural skin oils resulting in skin irritation. Dermatitis may occur with prolonged contact.

Ingestion: May cause nausea, vomiting, diarrhea and mental sluggishness.

Chronic (long-term) effects: None known to humans.

Toxicity:

	LD50	LC50
Methyl Ethyl Ketone (MEK)	Oral: 2737 mg/kg (rat) Dermal: 6480 mg/kg (rabbit)	Inhalation 8 hrs: 23,500 mg/m3 (rat)
Toluene	Oral: 636 mg/kg (rat)	Not Found
Cyclohexanone	Oral: 1535 mg/kg (rat) Dermal: 948 mg/kg (rabbit)	Inhalation 4 hrs: 8,000ppm (rat)

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity: None known

Mobility: In normal use, emission of volatile organic compounds (VOC's) to the air takes place, typically of 800 g/l over 30 minutes time period.

Degradability: Biodegradable

Bioaccumulation: Minimal to none.

SECTION 13: WASTE DISPOSAL CONSIDERATIONS

Follow local and national regulations. Consult hazardous waste disposal expert for legal disposal of flammable liquids.

SECTION 14: TRANSPORT INFORMATION

Multi-modal shipping descriptions are provided for informational purposes and do not consider container sizes. The presence of a shipping description for a particular mode of transport (ocean, air, etc.), does not indicate that the product is packaged suitably for that mode of transport. All packaging must be reviewed for suitability prior to shipment, and compliance with the applicable regulations is the sole responsibility of the person offering the product for transport.

US Ground (DOT)

5 Liters (1.3 Gallons) and Less may be Classed as LTD. QTY. OR ORM-D
Larger Containers are Regulated as Proper Shipping Name: UN1263, PAINT RELATED MATERIAL, 3, PG II, (ERG#128)

Hazard Class: 3.

Packing Group: PGII

Label Required: Class 3 Flammable Liquid.

DOT (Dept of Transportation) Hazardous Substances & Reportable Quantities

Methyl Ethyl Ketone 5000 lb RQ

Bulk Containers may be Shipped as (check reportable quantities):

UN1263, PAINT RELATED MATERIAL, 3, PG II, (ERG# 128)

Canada (TDG)

UN1263, PAINT RELATED MATERIAL, CLASS 3, PG II, (ERG#128)

IMO

5 Liters (1.3 Gallons) and Less may be Shipped as Limited Quantity.

UN1263, PAINT RELATED MATERIAL, CLASS 3, PG II, (-6 C c.c.), EmS
F-E, S-E.

Marine Pollutant: No

IATA/ICAO

Note: Pure MEK is used as a guide for the following Limited quantity.

UN1263, PAINT RELATED MATERIAL, CLASS 3, PG II, (-9C c.c.), EmS
F-E, S-E, ADR (D/E)

Passenger aircraft only: Packaging Inst. (see IATA) Y305 LQ=1 liter
Passenger/cargo aircraft: Packaging Inst(see IATA) 305 LQ= 5 liters
Cargo aircraft only: Packing Inst. (see IATA) 307 LQ=60 liters
LQ=Limited Quantity

SECTION 15: REGULATORY INFORMATION

Precautionary Label Information: Highly flammable, Irritant

Symbols: F, Xi

Risk Phrases: R11: Highly flammable
R20: Harmful by inhalation
R36/37: Irritating to eyes and respiratory system
R66: Repeated exposure may cause skin dryness or cracking
R67: Vapors may cause drowsiness and dizziness.

Safety Phrases: S9: Keep container in a well-ventilated place.
S16: Keep away from sources of ignition- No smoking.
S25: Avoid contact with eyes.
S26: In case of contact with eyes, rinse immediately with plenty of
water and seek medical advice.
S33: Take precautionary measures against static discharges.
S46: If swallowed, seek medical advice immediately and show this
container or label.

California Prop 65: This product contains Toluene which has been found to cause developmental defects in female and male animals by the State of California.

SECTION 16: OTHER INFORMATION

SDS Preparation Date: December 10, 2013
Prepared by: InfoTox International. Inc.
Revision Date: New on December 5, 2013 (Should be revised annually or
when regulations change or when new information becomes available)
Reason for Revision: New on December 5, 2013
The information in this SDS pertains only to the product as shipped.

Key or legend to abbreviations and acronyms used in the safety data sheet and pertinent to safety and health considerations

ACGIH	American Conference of Government Industrial Hygienists	LD50	Lethal Dose 50%
AICS	Australia, Inventory of Chemical Substances	LOAEL	Lowest Observed Adverse Effect Level
DSL	Canada, Domestic Substances List	NFPA	National Fire Protection Agency
NDSL	Canada, Non-Domestic Substances List	NIOSH	National Institute for Occupational Safety and Health
CNS	Central Nervous System	NTP	National Toxicology Program
CAS	Chemical Abstract Service	NZioC	New Zealand Inventory of Chemicals
EC50	Effective Concentration 50%	NOEC	No Observed Effect Concentration
EGEST	EOSCA Generic Exposure Scenario Tool	OSHA	Occupational Safety & Health Administration
EOSCA	European Oilfield Specialty Chemicals Association	PEL	Permissible Exposure Limit
EINECS	European Inventory of Existing Chemical Substances	PICCS	Philippines Inventory of Commercial Chemical Substances
MAK	Germany Maximum concentration Values	PRNT	Presumed Not Toxic
GHS	Globally Harmonized System	RCRA	Resource Conservation Recovery Act
>=	Greater Than or Equal To	STEL	Short-term Exposure Limit
IC50	Inhibition Concentration 50%	SARA	Superfund Amendments and Reauthorization Act
IARC	International Agency for Research on Cancer	TLV	Threshold Limit Value
IECSC	Inventory of Existing Chemical Substances in China	TWA	Time Weighted Average
ENCS	Japan, Inventory of Existing and New Chemical Substances	TSCA	Toxic Substances Control Act
KECI	Korea, Existing Chemical Inventory	UVCB	Unknown or Variable composition, Complex Reaction Products, and Biological Materials
<=	Less Than or Equal To	WHMIS	Workplace Hazardous Materials Information System
LC50	Lethal Concentration 50%	UK OES	United Kingdom Occupational Exposure Standards
German MAK	Germany Maximum Allowable Concentration	STOT	Specific Target Organ Toxicity

DISCLAIMER

THE INFORMATION PROVIDED IN THIS SAFETY DATA SHEET IS CORRECT TO THE BEST OF INFOTOX'S KNOWLEDGE, INFORMATION AND BELIEF AT THE DATE OF ITS PUBLICATION. THE INFORMATION GIVEN IS DESIGNED ONLY AS A GUIDANCE FOR SAFE HANDLING, USE, PROCESSING, STORAGE, TRANSPORTATION, DISPOSAL AND RELEASE AND IS NOT TO BE CONSIDERED A WARRANTY OR QUALITY SPECIFICATION. THE INFORMATION RELATES ONLY TO THE SPECIFIC MATERIAL DESIGNATED AND MAY NOT BE VALID FOR SUCH MATERIAL USED IN COMBINATION WITH ANY OTHER MATERIALS OR IN ANY PROCESS, UNLESS SPECIFIED IN THE TEXT.