

# Material Safety Data Sheet

## Section 1. Product Identification and Use

Product Name - Trade Name **825-4520 RLS 639 MOCHA CHEMGLAZE (C29151)**

Supplier - Manufacturer **Chemcraft International Inc.,**

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### For Transport Emergency or After Hours

CANUTEC (613) 996-6666

**Code** 825-4520  
**Synonym** RLS 639 MOCHA CHEMGLAZE (C29151)  
**Chemical Name** Not applicable.  
**Chemical Family** Synthetic polymer in organic solvent. (Paint.)  
**Chemical Formula** Not applicable.  
**Material Uses** Coatings: Surface coatings and finishes.  
**Product Identification Number (PIN)** 1263 PAINT

## Section 2. Hazardous Ingredients

Name	CAS #	% by Weight	Exposure Limits	
			LC <sub>50</sub> /LD <sub>50</sub>	TLV/PEL
Ethylbenzene	100-41-4	5-10	ORAL (LD50): Acute: 3500 mg/kg [Rat]. DERMAL (LD50): Acute: 5000 mg/kg [Rabbit].	<b>ACGIH (Canada).</b> TWA: 100 ppm STEL: 125 ppm
m-Methyltoluene	108-38-3	10-30	ORAL (LD50): Acute: 6750 mg/kg [Rat]. DERMAL (LD50): Acute: 12400 mg/kg [Rabbit].	Not available.
o-Methyltoluene	95-47-6	10-30	ORAL (LD50): Acute: 3600 mg/kg [Rat].	Not available.
p-Methyltoluene	106-42-3	10-30	ORAL (LD50): Acute: 4100 mg/kg [Rat].	Not available.
Xylenes	1330-20-7	0.1-1	ORAL (LD50): Acute: 4300 mg/kg [Rat].	<b>ACGIH (Canada, 1992).</b> TWA: 100 ppm STEL: 150 ppm TWA: 434 mg/m <sup>3</sup> STEL: 651 mg/m <sup>3</sup>
Pseudocumene	95-63-6	5-10	Not available.	Not available.
Light aromatic naphtha	64742-95-6	10-30	ORAL (LD50): Acute: 6960 mg/kg [Rat].	<b>ACGIH (Canada).</b> TWA: 123 mg/m <sup>3</sup>

Trace impurities and additional material names not listed above may appear in other sections of this MSDS. These materials may be listed for toxicological concerns, local compliance, or other reasons.

## Section 3. Physical Data

**Physical State and Appearance** Liquid.

**Color** Not available. **Odor** Not available. **Taste** Not available.

**Molecular Weight** Not applicable.

**pH (1% soln/water)** Not applicable.

**Boiling Point** The lowest known value is 136.2°C (277.2°F) (Benzene, ethyl-). Weighted average: 143.89°C (291°F)

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<b>Melting Point</b>	May start to solidify at 13.3°C (55.9°F) based on data for: Benzene, 1,4-dimethyl-. Weighted average: -41.73°C (-43.1°F)
<b>Critical Temperature</b>	Not available.
<b>Specific Gravity</b>	Weighted average: 0.9 (Water = 1)
<b>Vapor Pressure</b>	The highest known value is 0.9 kPa (7.1 mmHg) (at 20°C) (Benzene, ethyl-). Weighted average: 0.76 kPa (5.7 mmHg) (at 20°C)
<b>Vapor Density</b>	The highest known value is 4.14 (Air = 1) (). Weighted average: 3.79 (Air = 1)
<b>Volatility</b>	Not available.
<b>Odor Threshold</b>	The lowest known value is 0.62 ppm (Benzene, 1,3-dimethyl-) Weighted average: 0.96 ppm
<b>Water/Oil Dist. Coeff.</b>	The product is much more soluble in octanol.
<b>Ionicity (in Water)</b>	Not available.
<b>Dispersion Properties</b>	Is not dispersed in cold water, hot water. See solubility in methanol, diethyl ether, n-octanol, acetone.
<b>Solubility</b>	Easily soluble in methanol, diethyl ether, n-octanol, acetone. Insoluble in cold water, hot water.

#### **Section 4. Fire and Explosion Hazard**

<b>The Product is:</b>	Flammable.
<b>Fire Hazards in Presence of Various Substances</b>	Highly flammable in presence of open flames, sparks and static discharge, of heat.
<b>Fire Fighting Media and Instructions</b>	SMALL FIRE: Use DRY chemical powder. LARGE FIRE: Use water spray or fog. Cool containing vessels with water jet in order to prevent pressure build-up, autoignition or explosion.
<b>Special Remarks on Fire Hazards</b>	Explosive in the form of vapor when exposed to heat or flame. Vapor may travel considerable distance to source of ignition and flash back. When heated to decomposition it emits acrid smoke and irritating fumes. (Benzene, 1,3-dimethyl-)
<b>Flash Points</b>	The lowest known value is Closed cup: 15°C (59°F). Open cup: 27°C (80.6°F). (Cleveland). (Benzene, ethyl-)
<b>Flammable Limits</b>	The greatest known range is LOWER: 0.6% UPPER: 7% (Solvent naphtha (petroleum), light arom.)
<b>Auto-Ignition Temperature</b>	The lowest known value is 432°C (809.6°F) (Benzene, ethyl-).
<b>Products of Combustion</b>	These products are carbon oxides (CO, CO2).
<b>Explosion Hazards in Presence of Various Substances</b>	Risks of explosion of the product in presence of mechanical impact: Not available. Explosive in presence of open flames, sparks and static discharge.
<b>Special Remarks on Explosion Hazards</b>	Not available.

#### **Section 5. Reactivity Data**

<b>Stability</b>	The product is stable.
<b>Decomposition products</b>	Not available.
<b>Conditions of Instability</b>	Not available.
<b>Incompatibility with various substances</b>	Reactive with oxidizing agents, acids. Slightly reactive to reactive with reducing agents, combustible materials, organic materials, metals, alkalis, moisture.
<b>Corrosivity</b>	Slightly corrosive in presence of copper.
<b>Special Remarks on Reactivity</b>	Absorbs CO2 from air. (Sodium hydroxide (Na(OH)))
<b>Special Remarks on Corrosivity</b>	When this product comes in contact with aluminum, zinc and tin, it liberates hydrogen gas. (Sodium hydroxide (Na(OH)))

## Section 6. Toxicological Properties

Routes of Entry	Dermal contact. Eye contact. Inhalation. Ingestion.
Toxicity to Animals	Acute oral toxicity (LD50): 3500 mg/kg [Rat]. (Benzene, ethyl-). Acute dermal toxicity (LD50): 5000 mg/kg [Rabbit]. (Benzene, ethyl-). Acute toxicity of the vapor (LC50): 4785 ppm 4 hour(s) [Rat.]. (Benzene, 1,4-dimethyl-).
Effects of Acute Exposure	Very hazardous in case of skin contact (irritant, sensitizer), of eye contact (irritant). Hazardous in case of skin contact (corrosive, permeator), of ingestion, of inhalation. Liquid or spray mist may produce tissue damage particularly on mucous membranes of eyes, mouth and respiratory tract. Skin contact may produce burns. Inhalation of the spray mist may produce severe irritation of respiratory tract, characterized by coughing, choking, or shortness of breath. Inflammation of the eye is characterized by redness, watering, and itching. Skin inflammation is characterized by itching, scaling, reddening, or, occasionally, blistering.
Chronic Effects on Humans	<b>CARCINOGENIC EFFECTS:</b> Classified A4 (Not classifiable for human or animal.) by ACGIH [Benzene, 1,3-dimethyl-]. Classified 2B (Possible for human.) by IARC [Sodium hydroxide (Na(OH))]. Classified A5 (Not suspected for human.) by ACGIH, None. by OSHA [Sodium hydroxide (Na(OH))]. Classified 4 (Probably not for human.) by IARC, None. by OSHA [Carbon Black]. <b>MUTAGENIC EFFECTS:</b> Classified None. for human [Sodium hydroxide (Na(OH))]. <b>TERATOGENIC EFFECTS:</b> Classified None. for human [Sodium hydroxide (Na(OH))]. <b>DEVELOPMENTAL TOXICITY:</b> Not available. The substance is toxic to blood, kidneys, the nervous system, liver. Repeated or prolonged exposure to the substance can produce target organs damage. Repeated or prolonged contact with spray mist may produce chronic eye irritation and severe skin irritation. Repeated or prolonged exposure to spray mist may produce respiratory tract irritation leading to frequent attacks of bronchial infection.
Special Remarks on Toxicity to Animals	Not available.
Special Remarks on Chronic Effects on Humans	0347 Animal: embryotoxic, foetotoxic, passes through the placental barrier. 0900 Detected in maternal milk in human. Narcotic effect; may cause nervous system disturbances. (Benzene, 1,3-dimethyl-)
Special Remarks on Other Toxic Effects on Humans	Material is irritating to mucous membranes and upper respiratory tract. (Benzene, 1,3-dimethyl-)
Exposure Limits	Not available.

## Section 7. Preventive Measures

Personal Protection	Face shield. Full suit. Vapor respirator. Be sure to use an approved/certified respirator or equivalent. Gloves. Boots.
Personal Protection in Case of a Large Spill	Splash goggles. Full suit. Vapor respirator. Boots. Gloves. A self-contained breathing apparatus should be used to avoid inhalation of the product. Suggested protective clothing might not be sufficient; consult a specialist BEFORE handling this product.
Engineering Controls	Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective occupational exposure limits. Ensure that eyewash stations and safety showers are proximal to the work-station location.
Small Spill	Absorb with an inert material and put the spilled material in an appropriate waste disposal.
Large Spill	Keep away from heat. Keep away from sources of ignition. Stop leak if without risk. Absorb with DRY earth, sand or other non-combustible material. Do not get water inside container. Do not touch spilled material. Use water spray curtain to divert vapor drift. Prevent entry into sewers, basements or confined areas; dike if needed. Call for assistance on disposal.
Waste Disposal	Waste must be disposed of in accordance with federal, state and local environmental control regulations.
Precautions	Keep locked up. Keep container dry. Keep away from heat. Keep away from sources of ignition. Ground all equipment containing material. Do not ingest. Do not breathe gas/fumes/ vapor/spray. Never add water to this product. In case of insufficient ventilation, wear suitable respiratory equipment. If ingested, seek medical advice immediately and show the container or the label. Avoid contact with skin and eyes. Keep away from incompatibles such as oxidizing agents, acids.
Storage	Store in a segregated and approved area. Keep container in a cool, well-ventilated area. Keep container tightly closed and sealed until ready for use. Avoid all possible sources of ignition (spark or flame).
TDG Classification	3
PIN	1263 PAINT
PG:	II
Special Provisions for Transport	

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## Section 8. First Aid Measures

<b>Eye Contact</b>	Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention immediately.
<b>Skin Contact</b>	In case of contact, immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Cover the irritated skin with an emollient. Wash clothing before reuse. Thoroughly clean shoes before reuse. Get medical attention immediately.
<b>Hazardous Skin Contact</b>	Wash with a disinfectant soap and cover the contaminated skin with an anti-bacterial cream. Seek medical attention.
<b>Inhalation</b>	If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention if symptoms appear.
<b>Hazardous Inhalation</b>	Evacuate the victim to a safe area as soon as possible. Loosen tight clothing such as a collar, tie, belt or waistband. If breathing is difficult, administer oxygen. If the victim is not breathing, perform mouth-to-mouth resuscitation. <b>WARNING:</b> It may be hazardous to the person providing aid to give mouth-to-mouth resuscitation when the inhaled material is toxic, infectious or corrosive. Seek immediate medical attention.
<b>Ingestion</b>	Do not induce vomiting. Examine the lips and mouth to ascertain whether the tissues are damaged, a possible indication that the toxic material was ingested; the absence of such signs, however, is not conclusive. Loosen tight clothing such as a collar, tie, belt or waistband. If the victim is not breathing, perform mouth-to-mouth resuscitation. Seek immediate medical attention.
<b>Hazardous Ingestion</b>	Not available.

## Section 9. Preparation Information

<b>References</b>	-Manufacturers Material Safety Data Sheets.
<b>Other Special Considerations</b>	Not available.
<b>Related Information</b>	This product has been classified in accordance with the hazard criteria of the CPR, and the MSDS contains all the information required by CPR.
<b>Preparation Information</b>	<b>Validated by C.M. Kelly on 10/16/2002.</b> <b>Verified by C.M. Kelly.</b> <b>Printed 4/23/2003.</b>
<b>Information Contact</b>	Prepared by the Health, Safety and Environment Department, Chemcraft International Inc., P.O. Box 458, 155, Rose Glen Road North, Port Hope, ON. Canada. Phone: 905 885-6388 Fax: 905 885-5097

### Notice to Reader

*To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.*