Material Safety Data Sheet

541-100 CLEAR GLAZE

1 . Product and company identification

Common name : 541-100 CLEAR GLAZE

Synonym : CLEAR GLAZE

Material uses : Coatings: Surface coatings and finishes.

Manufacturer : Chemcraft International, Inc.
155 Rose Glen Road North
Port Hope, Ontario, Canada L1A 3Z3
Ph:905-885-6388 Fax:905-885-7587

Code : 541-100

MSDS # : Not available.

Validation date : **1/4/2006.**

Print date : 1/18/2006.

Responsible name : **A. Davis**

In case of emergency : 1-613-996-6666

2 . Hazards identification

Physical state : Liquid.

Odor : Not available.

Emergency overview : No specific hazard.
Not applicable.
Not applicable.

Routes of entry : Dermal contact. Eye contact. Inhalation. Ingestion.

Potential acute health effects

Eyes : No known significant effects or critical hazards.

Skin : No known significant effects or critical hazards.

Inhalation : No known significant effects or critical hazards.

Ingestion : No known significant effects or critical hazards.

Potential chronic health effects : **CARCINOGENIC EFFECTS**: Not available.
MUTAGENIC EFFECTS: Not available.
TERATOGENIC EFFECTS: Not available.

Medical conditions aggravated by over-exposure : Not available.

Over-exposure signs/symptoms : Not available.

See toxicological information (section 11)

3 . Composition/information on ingredients

Name	CAS number	%
Stoddard solvent	8052-41-3	70 - 100

4 . First aid measures

Eye contact : Immediately flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.

Skin contact : Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur. Wash clothing before reuse. Clean shoes thoroughly before reuse.

Inhalation : Move exposed person to fresh air. Keep person warm and at rest. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Get medical attention if symptoms occur. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.

Ingestion : Wash out mouth with water. Remove dentures if any. Move exposed person to fresh air. Keep person warm and at rest. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention if symptoms occur. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.

Protection of first-aiders : No action shall be taken involving any personal risk or without suitable training.

Antidote information

Product/ingredient name	Antidote information

Notes to physician : Not available.

5 . Fire-fighting measures

Flammability of the product : Flammable.

Products of combustion : Some metallic oxides.

Extinguishing media

Suitable : Use an extinguishing agent suitable for the surrounding fire.

Not suitable : None known.

Special exposure hazards : Not available.

No specific hazard.

Special protective equipment for fire-fighters : Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

Fire Hazards in Presence of Various Substances : Highly flammable in the presence of the following materials or conditions: open flames, sparks and static discharge.

Explosion Hazards in Presence of Various Substances : Highly explosive in the presence of the following materials or conditions: open flames, sparks and static discharge.

:

6 . Accidental release measures

Personal precautions : Immediately contact emergency personnel. Keep unnecessary personnel away. Use suitable protective equipment.

Environmental precautions : Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

Methods for cleaning up : If emergency personnel are unavailable, contain spilled material. For small spills, add absorbent (soil may be used in the absence of other suitable materials), scoop up material and place in a sealable, liquid-proof container for disposal. For large spills, dike spilled material or otherwise contain material to ensure runoff does not reach a waterway. Place spilled material in an appropriate container for disposal.

7 . Handling and storage

Handling : Wash thoroughly after handling.

Storage : Keep container tightly closed. Keep container in a cool, well-ventilated area.

8 . Exposure controls/personal protection

Product name	Exposure limits
Not available	

Consult local authorities for acceptable exposure limits.

Engineering measures : No special ventilation requirements. Good general ventilation should be sufficient to control airborne levels. If this product contains ingredients with exposure limits, use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure below any recommended or statutory limits.

Personal protection

Eyes : Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts.

Skin : Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

Respiratory : Use a properly fitted, air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this is necessary. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.

Hands : Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary.

Other protection : Not available.

Personal protective equipment (Pictograms) :

Hygiene measures : Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

9 . Physical and chemical properties

Physical state	:	Liquid.
Flash point	:	The lowest known value is Closed cup: 43°C (109.4°F). (Tagliabue.). (Stoddard solvent)
Auto-ignition temperature	:	The lowest known value is 229°C (444.2°F) (Stoddard solvent).
Flammable limits	:	The greatest known range is Lower: 1% Upper: 13.3% (Stoddard solvent)
Color	:	Not available.
Odor	:	Not available.
Taste	:	Not available.
Molecular weight	:	Not applicable.
Molecular formula	:	Not applicable.
pH	:	Not applicable.
Boiling/condensation point	:	The lowest known value is 156°C (312.8°F) (Stoddard solvent). Weighted average: 156.65°C (314°F)
Melting/freezing point	:	Not available.
Critical temperature	:	Not available.
Relative density	:	Weighted average: 0.83 (Water = 1)
Vapor pressure	:	The highest known value is 0.3 kPa (2 mm Hg) (at 20°C) (Stoddard solvent).
Vapor density	:	The highest known value is 4.8 (Air = 1) (Stoddard solvent). Weighted average: 4.5 (Air = 1)
Volatility	:	Not available.
Odor threshold	:	The lowest known value is 1 ppm (Stoddard solvent)
Evaporation rate	:	Not available.
VOC	:	Not available.
Viscosity	:	Not available.
Ionicity (in water)	:	Not available.
Dispersibility properties	:	Not dispersible in cold water, hot water. See solubility in methanol, diethyl ether.
Solubility	:	Easily soluble in methanol, diethyl ether. Very slightly soluble in n-octanol. Insoluble in cold water, hot water.
Physical/chemical properties comments	:	Not available.

10 . Stability and reactivity

Stability and reactivity	:	The product is stable.
Conditions of instability	:	Not available.
Incompatibility with various substances	:	Non-reactive or compatible with the following materials: oxidizing materials, reducing materials, combustible materials, organic materials, metals, acids, alkalis and moisture.
Hazardous decomposition products	:	Not available.
Hazardous polymerization	:	Not available.
Conditions of reactivity	:	Highly flammable in the presence of the following materials or conditions: open flames, sparks and static discharge. Highly explosive in the presence of the following materials or conditions: open flames, sparks and static discharge.

11 . Toxicological information

Toxicity data

Chronic effects on humans : Not available.

Other toxic effects on humans : Slightly hazardous in case of ingestion, of inhalation.

Special remarks on toxicity to animals : Not available.

Special remarks on chronic effects on humans : Not available.

Special remarks on other toxic effects on humans : Exposure can cause nausea, headache and vomiting. (Benzene)

Specific effects

Carcinogenic effects : No known significant effects or critical hazards.

Mutagenic effects : No known significant effects or critical hazards.

Teratogenicity / Reproductive toxicity : No known significant effects or critical hazards.

Sensitization

Ingestion : No known significant effects or critical hazards.

Inhalation : No known significant effects or critical hazards.

Eyes : No known significant effects or critical hazards.

Skin : No known significant effects or critical hazards.

Synergistic products : Not available.

12 . Ecological information

Ecotoxicity data

Product/ingredient name	Species	Period	Result

Environmental precautions : No known significant effects or critical hazards.

Octanol/water partition coefficient : The product is more soluble in octanol.

Bioconcentration factor : Not available.

BOD and COD : Not available.

Biodegradable/OECD : Not available.

Mobility : Not available.

Products of degradation : Some metallic oxides.

Toxicity of the products of biodegradation : Not available.

Special remarks on the products of biodegradation : Not available.

13 . Disposal considerations

Waste disposal : The generation of waste should be avoided or minimized wherever possible. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements.

Waste stream : Not available.

RCRA classification : Not available.

Disposal should be in accordance with applicable regional, national and local laws and regulations. Local regulations may be more stringent than regional or national requirements.

The information presented below only applies to the material as supplied. The identification based on characteristic(s) or listing may not apply if the material has been used or otherwise contaminated. It is the responsibility of the waste generator to determine the toxicity and physical properties of the material generated to determine the proper waste identification and disposal methods in compliance with applicable regulations.

Refer to Section 7: HANDLING AND STORAGE and Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION for additional handling information and protection of employees.

14 . Transport information

Regulatory information	UN number	Class	PG*	Label	Additional information
TDG Classification	1263 PAINT	3	II		-

PG* : Packing group

15 . Regulatoryinformation

WHMIS (Canada) : Class B-3: Combustible liquid with a flash point between 37.8°C (100°F) and 93.3°C (200°F).

CEPA DSL: Falkowood 51 (Linseed Oil); Varsol 3139; S164000 LINSEED OIL LV-1; Talc; Non-hazardous inert solid

This product has been classified according to the hazard criteria of the CPR and the MSDS contains all the information required by the CPR.

EU regulations

Hazard symbol/symbols :

Risk phrases : This product is not classified according to EU legislation.

Safety phrases : Not applicable.

International regulations

International lists : No products were found.

16 . Other information

References : Manufacturer's Material Safety Data Sheet

Other special considerations : Not available.

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16 . Other information

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.