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Canadian Workplace Hazardous Materials Information System Material Safety Data Sheet

I. PRODUCT IDENTIFICATION

Product Name: QUICK GRID TM REPAIR KIT .05FO CG
Item No: 15067
Product Type: Coating

II. COMPOSITION/INFORMATION ON INGREDIENTS

Component	Weight%	LD50/oral/rat	LC50/inhalation/rat	ACGIH; TLV-TWA
SILVER 7440-22-4	40-50	>2000 mg/kg	not available	0.1 mg/m ³
ETHYL ACETATE 141-78-6	20-30	5620 mg/kg	not available	400 ppm
ETHANOL 64-17-5	10-20	7060 mg/kg	not available	1000 ppm
1-METHOXY-2-PROPANOL ACETATE 108-65-6	10-20	8532 mg/kg	not available	
POLY (METHYL METHACRYLATE) 9011-14-7	1-10	not available	not available	
PIGMENT ORANGE #13 3520-72-7	<3	>5 g/kg	not available	

III. PHYSICAL DATA

Physical State/Appearance: Copper-colored liquid
Odour & Odour Threshold: Alcohol odour
Specific Gravity: 1.5
Evaporation Rate: Not determined
Vapour Pressure: Not determined
Vapour Density: Heavier than air
Freezing Point: Not determined
pH: Does not apply
Octanol/Water Coefficient: Not determined
Boiling Point: Not determined

IV. FIRE AND EXPLOSIVE DATA

Recommended Extinguishing Media: Carbon Dioxide, Dry Chemicals, Foam.
Hazardous Combustion Products: Oxides of carbon
Sensitivity to Static Discharge: Sensitivity to static discharge is expected; material has a flashpoint less than or equal to 10°C.
Conditions of Flammability: FLAMMABLE: Keep from heat and open flame.
Flash Point/Range: -10°C. Method: TCC
Autoignition Temperature: Not determined
Upper Explosive Limit: Ethyl acetate: 11.0%; Ethanol: 24.5%
Lower Explosive Limit: Ethyl acetate: 2.2%; Ethanol: 3.3%

V. REACTIVITY DATA

Conditions Causing Chemical Instability: None
Materials to avoid: Strong oxidizers, Acids, Amines, Peroxides, Strong bases
Conditions of Reactivity: None
Hazardous Decomposition Products: Carbon oxides

VI. HAZARDS IDENTIFICATION

Primary Routes of Exposure: Eye and skin contact, ingestion, inhalation
Existing Conditions Aggravated by Exposure: Dermatitis, liver and skin disorders, chronic irritation of mucous membranes and respiratory tract.

VI. HAZARDS IDENTIFICATION

Toxicity Information: (See Effects of Acute Exposure to Product)

Effects of Acute Exposure: Excessive exposure may cause headache, nausea, dizziness and in extreme cases, unconsciousness, respiratory depression. May be absorbed through the skin with toxic effects. May cause severe eye irritation and moderate skin irritation. Possible inhalation irritant. May be harmful if swallowed. May irritate respiratory system upon frequent or prolonged use. Overexposure by inhalation may cause nasal and respiratory irritation, central nervous system affects, dizziness, drowsiness, weakness, fatigue, nausea, headache and possible unconsciousness.

Effects of Chronic Exposure: See (Effects of Acute Exposure to Product).

Irritancy of Product: Vapor above TLV is irritating to eyes, nose, and throat and can cause headache, dizziness, nausea. Eye irritation may be severe. May cause dermatitis on prolonged contact in sensitive individuals. Inhalation: Dizziness, anesthesia, unconsciousness, difficulty in breathing.

Sensitization to Product: (See Effects of Acute Exposure to Product)

Carcinogenicity: (See Effects of Chronic Exposure to Product)

Reproductive Toxicity: (See Effects of Chronic Exposure to Product)

Teratogenicity: (See Effects of Chronic Exposure to Product)

Mutagenicity: (See Effects of Chronic Exposure to Product)

Toxicologically Synergistic Products: None known

WHMIS Hazard Class: B2 FLAMMABLE LIQUIDS, D2A VERY TOXIC MATERIALS, D2B TOXIC MATERIALS

VII. PREVENTATIVE MEASURES

Personal Protection

Eyes: Safety glasses.

Skin: Neoprene or nitrile gloves recommended.

Ventilation: General; local exhaust ventilation as necessary to control any air contaminants to within their exposure limits (or to the lowest feasible levels when limits have not been established) during the use of this product. In case of insufficient ventilation, wear an organic vapor respirator.

Engineering Controls: Eliminate all sources of ignition. Maintain good ventilation. Take up with an inert absorbent. Store in a closed waste container until disposal.

Spill Procedures: Follow Canadian and local regulations for disposal.

Protection of Man and Environment: Store away from heat, open flame or other sources of ignition.

Handling Procedures and Equipment: Avoid prolonged breathing of vapor. Keep away from eyes. Avoid prolonged contact with skin. Do not smoke while using. Wash hands after use. Keep away from heat, sparks and open flame.

VIII. FIRST AID MEASURES

Ingestion: Do not induce vomiting. Slowly dilute with 1-2 glasses of water or milk and seek medical attention. Never give anything by mouth to an unconscious person.

Inhalation: Move to fresh air in case of accidental inhalation of vapours. Oxygen or artificial respiration if needed. Obtain medical attention.

Skin Contact: Wash off immediately with soap and plenty of water removing all contaminated clothes and shoes. If skin irritation persists, call a physician.

Eye Contact: In case of contact, immediately flush eyes with plenty of water for at least 15 minutes and get medical attention if irritation persists.

IX. SHIPPING INFORMATION

Canadian Transportation of Dangerous Goods

Proper Shipping Name: Flammable liquids, n.o.s., (Ethyl acetate, ethyl alcohol) (May qualify as a Consumer Commodity or Limited Quantity. Refer to TDG regulations)

Hazard Class: Class 3; PGII

UN/ID No: UN 1993

IATA

Proper Shipping Name: Consumer Commodity (Not more than 1 liter)

Class or Division: Class 9

UN/ID Number: ID 8000

IMDG

Proper Shipping: Flammable liquids, n.o.s., (Ethyl acetate, ethyl alcohol), Limited Quantity

Hazard Class: Class 3, PG II

UN Number: UN 1993

X. PREPARATION INFORMATION

Estimated HMIS Classification: HEALTH 2, FLAMMABILITY 3, PHYSICAL HAZARD 0

HMIS is a registered trademark of the National Paint and Coatings Assn.

Product Name: QUICK GRID TM REPAIR KIT .05FO
CG

Item No: 15067

X. PREPARATION INFORMATION

Estimated NFPA Rating: HEALTH 2, FLAMMABILITY 3 , REACTIVITY 0
NFPA is a registered trademark of the National Fire Protection Assn.

Prepared By: Denise Boyd, Manager-Environmental, Health & Safety

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Company:
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