



SAFETY DATA SHEET

SECTION 1 PRODUCT AND COMPANY IDENTIFICATION

PRODUCT

Product Name: H.M. Gloss Restorer Kit - Part A
Product Number: C400-1520
Intended Use: Epoxy Resin

COMPANY IDENTIFICATION

Supplier: Chance Company
210 North Allen Street
Centralia, Missouri U.S.A.
Phone Number: (573) 682-8465
24 Hour Emergency (INFOTRAC): (800) 535-5053 (*US and Canada*)
(352) 323-3500 (*International*)

SECTION 2 HAZARDS IDENTIFICATION

CLASSIFICATION

| Health | Environmental | Physical |
|-------------------------|-------------------------|-------------------------------|
| No Classifiable Hazards | No Classifiable Hazards | Flammable Liquid – Category 3 |

LABELLING

Symbols:



Signal Word: WARNING

Hazard Statements

- H302: Harmful If Swallowed
- H315: Causes Skin Irritation
- H350: May Cause Cancer
- H320: Causes Eye Irritation
- May Cause Teratogenicity And Embryotoxicity
- Harmful: May Cause Lung Damage If Swallowed
- May Cause Skin Sensitization

Precautionary Statements

Not Applicable

Potential Health Effects: See Section 11 for more information

Potential Environmental Effects: See Section 12 for more information

SECTION 3 COMPOSITION / INFORMATION ON INGREDIENTS

MIXTURES.

| Name | CAS# | Wt. Percentage* | Comments |
|------|------|-----------------|----------|
|------|------|-----------------|----------|



| | | | |
|--|------------|---------|-----|
| Light aromatic solvent naphtha (petroleum) | 64742-95-6 | 7 - 13 | NIL |
| Ethylene glycol monobutyl ether | 111-76-2 | 10 - 30 | NIL |
| Xylene | 1330-20-7 | 10 - 30 | NIL |
| Ethylbenzene | 100-41-4 | 1 - 5 | NIL |
| 1,2,4-Trimethylbenzene | 95-63-6 | 5 - 10 | NIL |
| Diglycidyl ether of bisphenol A-based epoxy resins, medium to high molecular weight solids | 25036-25-3 | 30 - 60 | NIL |

* 0-37 % material composition inclusive of inert and non-hazardous filler withheld as trade secret in accordance with paragraph 1910.1200(i)(1). Any concentration shown as a range is to protect confidentiality or is due to batch variation. There are no additional ingredients present which, within the current knowledge of distributor and in the concentrations applicable, are classified as hazardous to health and hence require reporting in this section.

SECTION 4 FIRST AID MEASURES

DESCRIPTION OF NECESSARY FIRST AID MEASURES:

| | |
|-----------------------------|---|
| General Information: | In case of accident or if you feel unwell, seek medical advice immediately (show the label or MSDS where possible) |
| Eye Contact: | In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. If easy to do, remove contact lenses, if worn. Get medical attention immediately |
| Skin Contact: | In case of contact, immediately flush skin with plenty of water. Remove contaminated clothing and shoes. Wash clothing before reuse. Call a physician if irritation develops and persists |
| Inhalation: | If breathed in, move person into fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen |
| Ingestion: | DO NOT induce vomiting. If victim is conscious and alert, give 2 cupfuls of water. Never give anything by mouth to an unconscious person. Seek medical attention or call poison control immediately |
| Note To Physicians: | Symptoms may not appear immediately |

See toxicological information (Section 11)

SECTION 5 FIRE FIGHTING MEASURES

| | |
|---|---|
| Flammability: | Flammable by WHMIS criteria |
| EXTINGUISHING MEDIA | |
| Suitable Extinguishing Media: | Powder, water spray, foam, carbon dioxide |
| Unsuitable Extinguishing Media: | Not available. |
| Products of Combustion: | May include, and are not limited to: oxides of carbon |
| EXPLOSION DATA: | |
| Sensitivity to Mechanical Impact: | Not available |
| Sensitivity to Static Discharge: | Not available |
| Protective Equipment And Precautions For Firefighters: | Containers may explode when heated. Use water spray to keep fire-exposed containers cool. Keep upwind of fire. Wear full fire fighting turn-out gear (full Bunker gear) and respiratory protection (SCBA) |

SECTION 6 ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES

| | |
|------------------------------|--|
| Personal Precautions: | Use personal protection recommended in Section 8. Isolate the hazard area and deny entry to unnecessary and unprotected personnel. Eliminate sources of ignition |
|------------------------------|--|



ENVIRONMENTAL PRECAUTIONS

Environmental Precautions: Keep out of drains, sewers, ditches, and waterways. Minimize use of water to prevent environmental contamination

METHODS AND MATERIAL FOR CONTAINMENT AND CLEANING UP

Methods For Containment: Contain and/or absorb spill with inert material (e.g. sand, vermiculite), then place in a suitable container. Do not flush to sewer or allow to enter waterways. Use appropriate Personal Protective Equipment (PPE)

Methods For Cleaning Up: Scoop up material and place in a disposal container. Provide ventilation.

Other Information: Not available

SECTION 7 HANDLING AND STORAGE

PRECAUTIONS FOR SAFE HANDLING

Advice on Safe Handling: Keep away from sources of ignition. No smoking. Avoid contact with skin and eyes. Do not swallow. Do not breathe gas/fumes/vapor/spray. Use only in well-ventilated areas. Handle and open container with care. When using do not eat or drink. Wash hands before eating, drinking, or smoking

CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES

Storage Conditions: Keep out of the reach of children. Keep container tightly closed and in a well-ventilated place. Store in a cool place

SECTION 8 EXPOSURE CONTROLS / PERSONAL PROTECTION

EXPOSURE GUIDELINES

Occupational Exposure Limits

| INGREDIENT | ACGIH TLV | OSHA PEL | NIOSH IDLH |
|--|---------------|---------------|---------------|
| Light aromatic solvent naphtha (petroleum) | Not available | Not Available | Not Available |
| Ethylene glycol monobutyl ether | 20 ppm | Not Available | Not Available |
| Xylene | 100 ppm | Not Available | Not Available |
| Ethylbenzene | 20 ppm | Not Available | Not Available |
| 1,2,4-Trimethylbenzene | Not available | Not Available | Not Available |
| Diglycidyl ether of bisphenol A-based epoxy resins, medium to high molecular weight solids | Not available | Not Available | Not Available |

CONTROL PARAMETERS

Appropriate Engineering Controls: Use ventilation adequate to keep exposures (airborne levels of dust, fume, vapor, etc.) below recommended exposure limits

INDIVIDUAL PROTECTION MEASURES

Eye/Face Protection: Wear eye/face protection

Hand Protection: Wear suitable gloves

Skin And Body Protection: Wear suitable protective clothing, including appropriate boots, boot covers, overshoes, etc

Respiratory Protection: In case of insufficient ventilation, wear suitable respiratory equipment

General Hygiene Considerations: Handle according to established industrial hygiene and safety practices

SECTION 9 PHYSICAL/CHEMICAL PROPERTIES

APPEARANCE

Physical State: Liquid

Appearance: Clear

Color: Not available

Odor: Hydrocarbon odor

Odor Threshold: Not available

pH: Not available

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| | |
|---|--|
| Viscosity: | Not available |
| Freezing Point: | Not available |
| Boiling Point: | ~ 58 - 179 °C (~ 136 - 355 °F) |
| Flash Point: | ~ 27 °C (~ 80.6 °F) [Setaflash Closed Cup] |
| Evaporation Rate: | < 1 (Ether = 1) |
| Lower Flammability Limit: | Not available |
| Upper Flammability Limit: | Not available |
| Vapor Pressure: | Not available |
| Vapor Density: | > 1 (Air = 1) |
| Specific Gravity: | Not available |
| Solubility in Water: | Not available |
| Coefficient of Water/Oil Distribution: | Not available |
| Auto-ignition Temperature: | Not available |
| Percent Volatile, wt. %: | 60% |
| Percent Volatile, vol. %: | 66% |
| VOC content, wt. %: | Not available |

SECTION 10

STABILITY AND REACTIVITY

| | |
|--|--|
| Stability: | Stable under normal storage conditions. Keep in a cool place |
| Conditions of Reactivity: | Heat. Incompatible materials |
| Incompatible Materials: | Strong oxidizers |
| Hazardous Decomposition Products: | May include, and are not limited to: oxides of carbon |
| Possibility of Hazardous Reactions: | No dangerous reaction known under conditions of normal use |

SECTION 11

TOXICOLOGICAL INFORMATION

INFORMATION ON LIKELY ROUTES OF EXPOSURE:

| | |
|----------------------|---|
| Inhalation: | May cause respiratory tract irritation. This product may be aspirated into the lungs and cause chemical pneumonitis. Vapours may cause drowsiness and dizziness. |
| Eye Contact: | Irritating to eyes. Symptoms may include discomfort or pain, excess blinking and tear production, with possible redness and swelling |
| Skin Contact: | May be harmful in contact with skin. Irritating to skin. May cause sensitization by skin contact. Symptoms may include redness, edema, drying, defatting and cracking of the skin |
| Ingestion: | Harmful if swallowed. May cause stomach distress, nausea or vomiting. Harmful: may cause lung damage if swallowed. |

Component Information:

| Ingredients | LC ₅₀ | LD ₅₀ (Oral) | LD ₅₀ (Dermal) | Chemical Listed as Carcinogen or Potential Carcinogen * |
|--|--|-------------------------|---------------------------|---|
| Light aromatic solvent naphtha (petroleum) | > 5.2mg/L 4hr, Rat; 3400 ppm 4hr, Rat | 8400 mg/kg, Rat | Not Available | Not listed. |
| Ethylene glycol monobutyl ether | 450 ppm 4hr, Rat 5000 ppm 4hr, Rat; | 470 mg/kg, Rat | Not Available | G-A3, I-3 |
| Xylene | 47635 mg/L 4hr, Rat | 4300 mg/kg, Rat | Not Available | G-A4, I-3 |
| Ethylbenzene | 17.2 mg/L 4hr, Rat | 3500 mg/kg, Rat | Not Available | G-A3, I-2B |
| 1,2,4-Trimethylbenzene | 18000 mg/m ³ 4hr, Rat | 3400 mg/kg, Rat | Not Available | Not listed |
| Diglycidyl ether of bisphenol A-based epoxy resins, medium to high molecular weight solids | Not available. | Not available. | Not Available | Not listed |

* See Section 15 for more information

EFFECTS OF CHRONIC EXPOSURE

Chronic Effects: Not hazardous by WHMIS criteria



Carcinogenicity: Hazardous by WHMIS criteria
Mutagenicity: Not hazardous by WHMIS criteria
Reproductive Effects: Not hazardous by WHMIS criteria
Teratogenicity: Hazardous by WHMIS criteria
Embryotoxicity: Hazardous by WHMIS criteria
Respiratory Sensitization: Not hazardous by WHMIS criteria
Skin Sensitization: Hazardous by WHMIS criteria
Toxicologically Synergistic Materials: Not available
Chronic Effects: Contains ingredients known or suspected to be carcinogenic, teratogenic and/or embryotoxic. Contains Ethylene glycol monobutyl ether which may be absorbed by the skin in harmful amounts with prolonged or repeated contact
Signs and Symptoms: Symptoms may include discomfort or pain, excess blinking and tear production, with possible redness and swelling. Symptoms may include redness, edema, drying, defatting and cracking of the skin. Vapours may cause drowsiness and dizziness
Medical Conditions Aggravated By Exposure: Because of its irritating properties, product may aggravate preexisting skin, eye, and respiratory conditions
Target Organs: Eyes, skin, respiratory system, gastrointestinal tract, nervous system, liver, kidneys, and bone marrow

SECTION 12 ECOLOGICAL INFORMATION

Persistence And Degradability: Not available
Bioaccumulation / Accumulation: Not available
Mobility in Environment: Not available
Potential Environmental Effects: May cause long-term adverse effects in the aquatic environment

SECTION 13 DISPOSAL CONSIDERATIONS

Disposal Methods: This material must be disposed of in accordance with all local, state, provincial, and federal regulations.

SECTION 14 TRANSPORTATION

| Regulatory Information | UN Number | Proper Shipping Name | Transport Hazard Class | Packing Group | Additional Information |
|------------------------|-----------|----------------------|------------------------|---------------|------------------------|
| TDG | UN1263 | Paint | Limited Quantity | Not Available | Not Available |

SECTION 15 REGULATORY INFORMATION

Federal Regulations

Canada: This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the MSDS contains all the information required by the Controlled Products Regulations.

INTERNATIONAL REGULATIONS

| Ingredient | Canada DSL/NDSL |
|--|-----------------|
| Light aromatic solvent naphtha (petroleum) | DSL |
| Ethylene glycol monobutyl ether | DSL |
| Xylene | DSL |
| Ethylbenzene | DSL |



| | |
|--|-----|
| 1,2,4-Trimethylbenzene | DSL |
| Diglycidyl ether of bisphenol A-based epoxy resins, medium to high molecular weight solids | DSL |

WHMIS Classification(s):

- Class B2 - Flammable Liquid
- Class D2A - Carcinogenicity
- Class D2A - Teratogenicity and Embryotoxicity
- Class D2B - Skin Sensitization
- Class D2B - Skin/Eye Irritant

WHMIS Hazard Symbols:



SOURCE AGENCY CARCINOGEN CLASSIFICATIONS:

- ACGIH (G)** American Conference of Governmental Industrial Hygienists.
 A1 - Confirmed human carcinogen.
 A2 - Suspected human carcinogen.
 A3 - Animal carcinogen.
 A4 - Not classifiable as a human carcinogen.
 A5 - Not suspected as a human carcinogen.
- IARC (I)** International Agency for Research on Cancer.
 1 - The agent (mixture) is carcinogenic to humans.
 2A - The agent (mixture) is probably carcinogenic to humans; there is limited evidence of carcinogenicity in humans and sufficient evidence of carcinogenicity in experimental animals.
 2B - The agent (mixture) is possibly carcinogenic to humans; there is limited evidence of carcinogenicity in humans in the absence of sufficient evidence of carcinogenicity in experimental animals.
 3 - The agent (mixture, exposure circumstance) is not classifiable as to its carcinogenicity to humans.
 4 - The agent (mixture, exposure circumstance) is probably not carcinogenic to humans.
- NTP (N)** National Toxicology Program.
 1 - Known to be carcinogens.
 2 - Reasonably anticipated to be carcinogens.

SECTION 16 OTHER INFORMATION

HAZARDOUS MATERIALS IDENTIFICATION SYSTEM (HMIS)

Health – 2 Flammability – 3 Physical Hazard – 0 PPE – B

NATIONAL FIRE PROTECTION ASSOCIATION (NFPA)

Health - 2 Fire - 3 Reactivity - 0

Caution: HMIS® and NFPA ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks.

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Key to Abbreviations:

ATE = Acute Toxicity Estimate
BCF = Bio-concentration Factor
GHS = Globally Harmonized System of Classification and Labelling of Chemicals
IATA = International Air Transport Association
IBC = Intermediate Bulk Container
IMDG = International Maritime Dangerous Code
LogPow = logarithm of the octanol/water partition coefficient
MARPOL 73/78 = International Convention for the Prevention of Pollution from Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution)
UN = United Nations
TDG = Transportation of Dangerous Goods
TSCA = United States Toxic Substances Control Act Section 8(b) Inventory
DSL/NDSL= Canadian Domestic Substances List/Non-Domestic Substances List
EINECS/ELINCS= European Inventory of Existing Chemical Substances/European List of Notified Chemical Substance

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