



SAFETY DATA SHEET

SECTION 1 PRODUCT AND COMPANY IDENTIFICATION

PRODUCT

Product Name: Epoxy Plug Kit Part A
Product Number: C4000730 Part A and Catalog Number T4001191
Intended Use: Epoxy Plug for Fiberglass Reinforced Plastic Poles

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 | No Classifiable Hazards |

LABELLING

Symbol: None

Signal Word: WARNING

| Hazard Statements | Precautionary Statements | Precautionary Statements |
|---|--------------------------|--------------------------|
| <ul style="list-style-type: none">MAY CAUSE EYE IRRITATIONMAY CAUSE SKIN IRRITATIONMAY CAUSE SKIN SENSITIZATION | Not applicable | Not applicable |

Target Organs: Skin, eyes, gastrointestinal tract, respiratory system.

Potential Health Effects: See Section 11 for more information

Potential Environmental Effects: May cause long-term adverse effects in the aquatic environment. See Section 12 for more information

SECTION 3 COMPOSITION / INFORMATION ON INGREDIENTS

MIXTURES.

| Name | CAS# | Wt. Percentage |
|---|------------|----------------|
| Phenol, 4,4'-(1-methylethylidene)bis-, polymer with (chloromethyl)oxirane | 25068-38-6 | 60-100 |
| Triphenyl phosphite | 101-02-0 | 10-30 |
| Magnesium oxide | 1309-48-4 | 0-10 |

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 SDS where possible)

Eye Contact: In case of contact, immediately flush eyes with plenty of water for at least 15 minutes, including under lids. 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 2-4 cupful of milk or water. Never give anything by mouth to an unconscious person. Seek medical attention or call poison control

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.

Note to Physicians: Symptoms may not appear immediately.

See toxicological information (Section 11)

SECTION 5

FIRE FIGHTING MEASURES

Flammability: Not flammable by WHMIS criteria

EXTINGUISHING MEDIA

Suitable Extinguishing Media: Powder, water spray, foam, carbon dioxide

Unsuitable Extinguishing Media: Not available

SPECIAL HAZARDS ARISING FROM THE SUBSTANCE OR MIXTURE

Products of Combustion: May include, and are not limited to: oxides of carbon, oxides of phosphorous

Sensitivity to Mechanical Impact: Not available.

Sensitivity to Static Discharge: Not available

Protective Equipment And

Precautions for Firefighters: Highly toxic gases may be generated. Keep upwind of fire. Wear full firefighting turn-out gear (full Bunker gear) and respiratory protection (SCBA).

SECTION 6

ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES

General Measures: Use personal protection recommended in Section 8. Isolate the hazard area and deny entry to unnecessary and unprotected personnel.

METHODS AND MATERIAL FOR CONTAINMENT AND CLEANING UP

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

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

Precautions on Safe Handling: Avoid contact with skin and eyes. Do not swallow. Do not breathe gas/fumes/vapor/spray. Use only in well-ventilated areas. Launder contaminated clothing before reuse. 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 in a cool place.

SECTION 8 EXPOSURE CONTROLS / PERSONAL PROTECTION

Likely Routes of Exposure: Skin contact, eye contact, inhalation, and ingestion.

EXPOSURE GUIDELINES

| INGREDIENT | ACGIH - TLV | OSHA PEL | NIOSH IDLH |
|---|---------------------------|--|----------------------|
| Phenol, 4,4'-(1-methylethylidene)bis-, polymer with (chloromethyl)oxirane | Not available | Not available | Not available |
| Triphenyl phosphite | Not available | Not available | Not available |
| Magnesium oxide fume | TWA: 10 mg/m ³ | (Vacated) TWA: 10 mg/m ³ TWA: 15 mg/m ³ | 750mg/m ³ |

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 Protection: Wear approved eye protection and face protection
Hand Protection: Wear suitable protective gloves
Skin and Body Protection: Wear suitable protective clothing
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: Translucent
Color: Yellow
Odor: Slight odor
Odor Threshold: Not available
pH: Not available
Viscosity: Not available
Freezing Point: Not available
Boiling Point: >200 °C (>392 °F)
Flash Point: 218-255 °C (425-490 °F) [TAG]
Evaporation Rate: Not available
Lower Flammability Limit: Not available
Upper Flammability Limit: Not available
Vapor Pressure: 1 mmHg @ 180 °C (356 °F)
Vapor Density: Not available
Specific Gravity: 1.18
Solubility in Water: Insoluble
Coefficient of Water/Oil Distribution: Not available
Auto-ignition Temperature: Not available
Percent Volatile, wt. %: Not available

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VOC content, wt. %:

Not available

SECTION 10

STABILITY AND REACTIVITY

Chemical Stability: Stable under normal storage conditions.
Conditions of Reactivity: Heat. Incompatible materials
Incompatible Materials: Oxidizers. Strong acids. Bases. Mercaptans
Hazardous Decomposition Products: May include, and are not limited to: oxides of carbon, oxides of phosphorous.
Possibility of Hazardous Reactions: In reaction with many curing agents considerable heat can be evolved

SECTION 11

TOXICOLOGICAL INFORMATION

COMPONENT INFORMATION:

| Ingredients | LC ₅₀ (Inhalation) | LD ₅₀ (Oral) | Chemical Listed as Carcinogen or Potential Carcinogen * |
|---|-------------------------------|-------------------------|---|
| Phenol, 4,4'-(1-methylethylidene)bis-, polymer with (chloromethyl)oxirane | Not available | 13600 mg/kg, rat | Not listed |
| Triphenyl phosphite | > 6.7 mg/L 1hr, rat | 444 mg/kg, rat | Not listed |
| Magnesium oxide fume | Not listed | 3990 mg/kg | Not listed |

* See Section 15 for more information

Eye: May cause eye irritation. Symptoms may include discomfort or pain, excess blinking and tear production, with possible redness and swelling.
Skin: May cause skin irritation. May cause sensitization by skin contact. Symptoms may include redness, edema, drying, defatting and cracking of the skin.
Ingestion: May be harmful if swallowed. May cause stomach distress, nausea or vomiting.
Inhalation: May cause respiratory tract irritation.

EFFECTS OF CHRONIC EXPOSURE

Target Organs: Not available.
Chronic Effects: Not hazardous by WHMIS criteria. Prolonged or repeated exposure can cause drying, defatting and dermatitis.
Carcinogenicity: Not hazardous by WHMIS criteria.
Mutagenicity: Not hazardous by WHMIS criteria.
Reproductive Effects: Not hazardous by WHMIS criteria.
Developmental Effects:
Teratogenicity: Not hazardous by WHMIS criteria.
Embryotoxicity: Not hazardous by WHMIS criteria.
Respiratory Sensitization: Not hazardous by WHMIS criteria.
Skin Sensitization: Hazardous by WHMIS criteria.
Toxicologically Synergistic Materials: Not available.
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.
Medical Conditions Aggravated By Exposure: Because of its irritating properties, product may aggravate preexisting skin, eye, and respiratory conditions.

SECTION 12

ECOLOGICAL INFORMATION

Ecotoxicity: May cause long-term adverse effects in the aquatic environment
Persistence and Degradability: Not available
Bioaccumulation / Accumulation: Not available
Mobility in Soil: Not available



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 | Hazard labels | Packing Group |
|------------------------|---------------|----------------------|------------------------|---------------|---------------|
| DOT | Not regulated | | | | |
| TDG | Not regulated | | | | |
| IMDG | Not regulated | | | | |
| IATA | Not regulated | | | | |

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 SDS contains all the information required by the Controlled Products Regulations.

Global Inventories:

| Ingredient | Regulations |
|---|----------------------------|
| Phenol, 4,4'-(1-methylethylidene)bis-, polymer with (chloromethyl)oxirane | Listed on the Canadian DSL |
| Triphenyl phosphite | Listed on the Canadian DSL |

WHMIS Classification(s):

- 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 - 1 Physical Hazard - 0 PPE – B

NATIONAL FIRE PROTECTION ASSOCIATION (NFPA)

Health - 2 Fire - 1 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.

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
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

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