

Material Safety Data Sheet

Section 1. Product Identification and Use

Product Name - Trade Name **545-100 GLAZE BASE**

Supplier - Manufacturer **Chemcraft International Inc.,**
155 Rose Glen Road North
P.O. Box 458
Port Hope, ON.
Canada L1A 3Z3
Telephone (905) 885-6388 Fax (905) 885-5097
In case of Emergency (905) 885-6388, (800) 263-7951

For Transport Emergency or After Hours

CANUTEC (613) 996-6666

Code 545-100
Synonym GLAZE BASE
Chemical Name Not applicable.
Chemical Family Polymer in liquid. (Paint.)
Chemical Formula Not applicable.
Material Uses Coatings: Surface coatings and finishes.
Product Identification Number (PIN) 1263 PAINT

Section 2. Hazardous Ingredients

Exposure limits

| Name | CAS # | % by Weight | LC ₅₀ /LD ₅₀ | TLV/PEL |
|---|------------|-------------|---|---------|
| Heavy aliphatic solvent naphtha (petroleum) | 64742-96-7 | 70 - 100 | ORAL (LD50): Acute: 5001 mg/kg [Rat]. DERMAL (LD50): Acute: 5001 mg/kg [Rabbit]. | |

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 185°C (365°F) (Solvent naphtha (petroleum), heavy aliph.).

Melting Point Not available.

Critical Temperature Not available.

Specific Gravity Weighted average: 0.85 (Water = 1)

Vapor Pressure The highest known value is 0.07 kPa (0.5 mm Hg) (at 20°C) (Solvent naphtha (petroleum), heavy aliph.).

Vapor Density The highest known value is 5.34 (Air = 1) (Solvent naphtha (petroleum), heavy aliph.).

Volatility Not available.

Odor Threshold Not available.

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| Water/Oil Dist. Coeff. | The product is more soluble in octanol. |
| Ionicity (in Water) | Not available. |
| Dispersion 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. |

Section 4. Fire and Explosion Hazard

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| The Product is: | Combustible. |
| Fire Hazards in Presence of Various Substances | Slightly flammable in the presence of the following materials or conditions: open flames, sparks and static discharge. |
| Fire Fighting Media and Instructions | SMALL FIRE: Use dry chemical powder. LARGE FIRE: Use water spray, fog or foam. Do not use water jet. |
| Special Remarks on Fire Hazards | Not available. |
| Flash Points | The lowest known value is Closed cup: 61.667°C (143°F). (Tagliabue.). (Solvent naphtha (petroleum), heavy aliph.) |
| Flammable Limits | The greatest known range is Lower: 1.1% Upper: 6% (Solvent naphtha (petroleum), heavy aliph.) |
| Auto-Ignition Temperature | Not available. |
| Products of Combustion | These products are carbon oxides (CO, CO ₂). Some metallic oxides. |
| Explosion Hazards in Presence of Various Substances | Slightly explosive in the presence of the following materials or conditions: open flames, sparks and static discharge. |
| Special Remarks on Explosion Hazards | Not available. |

Section 5. Reactivity Data

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| Stability | The product is stable. |
| Decomposition products | Not available. |
| Conditions of Instability | Not available. |
| Incompatibility with various substances | Slightly reactive or incompatible with the following materials: oxidizing materials. Non-reactive or compatible with the following materials: reducing materials, combustible materials, organic materials, metals, acids, alkalis and moisture. |
| Corrosivity | Not available. |
| Special Remarks on Reactivity | Not available. |
| Special Remarks on Corrosivity | Not available. |

Section 6. Toxicological Properties

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| Routes of Entry | Dermal contact. Eye contact. Inhalation. Ingestion. |
| Toxicity to Animals | Acute oral toxicity (LD50): 5001 mg/kg [Rat]. (Solvent naphtha (petroleum), heavy aliph.). Acute dermal toxicity (LD50): 5001 mg/kg [Rabbit]. (Solvent naphtha (petroleum), heavy aliph.). |
| Effects of Acute Exposure | Hazardous in case of ingestion, of inhalation. Slightly hazardous in case of skin contact (irritant), of eye contact (irritant). |
| Chronic Effects on Humans | CARCINOGENIC EFFECTS: Classified 4 (Probably not for humans.) by IARC, None. by OSHA [Solvent naphtha (petroleum), heavy aliph.]. MUTAGENIC EFFECTS: Not available. TERATOGENIC EFFECTS: Not available. DEVELOPMENTAL TOXICITY: Not available. Repeated or prolonged exposure is not known to aggravate any medical condition. |

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| 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) |
| Exposure Limits | Not available. |

Section 7. Preventive Measures

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| Personal Protection | Safety glasses. Lab coat. Vapor respirator. Be sure to use an approved/certified respirator or equivalent. Impervious gloves. | |
| Personal Protection in Case of a Large Spill | Splash goggles. Full suit. Vapor respirator. Boots. Gloves. Self-contained breathing apparatus (SCBA) should be used to avoid inhalation of the product. Suggested protective clothing might not be adequate. 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 close to the workstation location. | |
| Small Spill | Absorb with an inert material and transfer the spilled material and absorbent to an appropriate waste disposal container. | |
| Large Spill | Keep away from heat. Keep away from sources of ignition. Stop leak if without risk. | |
| Waste Disposal | Waste must be disposed of in accordance with federal, state and local environmental control regulations. | |
| Precautions | 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. Wear suitable protective clothing. 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. | |
| Storage | 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 | - | |
| Federal and State Regulations | <p>WARNING: This product contains chemical/chemicals known to the state of California to cause cancer, birth defects or other reproductive harm.: Benzene</p> <p>WARNING: This product contains chemical/chemicals known to the state of California to cause reproductive harm (male).: Benzene</p> <p>WARNING: This product contains chemical/chemicals known to the state of California to cause birth defects or other reproductive harm.: Benzene</p> <p>WARNING: This product contains chemical/chemicals known to the state of California to cause cancer.: Benzene</p> | |
| Other Regulations | Not available. or of its ingredients | |
| Other Classifications | WHMIS (Canada) HCS (U.S.A.) | Class B-3: Combustible liquid with a flash point between 37.8°C (100°F) and 93.3°C (200°F). Class D-2A: Material causing other toxic effects (Very toxic). |
| Hazardous Material Information System (U.S.A.) | Health Hazard Fire Hazard Reactivity Personal Protection | 1 2 0 G |

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| National Fire Protection Association (U.S.A.) | Health | 1 |
| | Fire Hazard | 2 |
| | Reactivity | 0 |
| | Specific Hazard | |

Section 8. First Aid Measures

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| Eye Contact | 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 if irritation occurs. |
| Skin Contact | Wash with soap and water. Cover the irritated skin with an emollient. Get medical attention if irritation develops. |
| Hazardous Skin Contact | Not available. |
| Inhalation | If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention. |
| Hazardous Inhalation | Move 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. Seek medical attention. |
| Ingestion | Do not induce vomiting. Examine the lips and mouth to ascertain if the tissues are damaged, a possible indication that 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. |
| Hazardous Ingestion | Not available. |

Section 9. Preparation Information

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| References | -Manufacturers Material Safety Data Sheets. |
| Other Special Considerations | Not available. |
| Related Information | This product has been classified in accordance with the hazard criteria of the CPR, and the MSDS contains all the information required by CPR. |
| Preparation Information | Validated by K. William on 7/18/2006. Verified by K. William. Printed 9/19/2006. |
| Information Contact | 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.