

Material Safety Data Sheet

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LIQUID RUBBER HARDENER

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| IDENTITY (as used on label and list) SAF-T-EZE LIQUID RUBBER HARDENER | | | | |
| Section I | | | | |
| Manufacturer's name SAF-T-EZE DIV., STL COMPOUND CORPORATION 300 EISENHOWER LANE NORTH LOMBARD, ILLINOIS, USA 60148 | | | Emergency Telephone Number Chemtrec 1-800-424-9300 | |
| | | | Telephone Number for Information 630-495-2001 | |
| | | | Date Prepared SEPTEMBER 01, 2002 | |
| Section II—Hazardous Ingredients/Identity Information | | | | |
| Hazardous Components (Specific Chemical Identity, Common Name(s)) | | OSHA PEL | ACGIH TLV | Other Limits Recommended |
| Diphenylmethane Diisocyanate CAS# 101-58-8 | | 0.02 ppm | 0.02 ppm | % (optional) |
| All components of this product are listed on the Toxic Substance Control Act (TSCA) inventory of chemical substances maintained by the U.S. Environmental Protection Agency. | | | | |
| Section III—Physical/Chemical Characteristics | | | | |
| Boiling Point | 625°F | Specific Gravity (H ₂ O = 1) | 1.2 | |
| Vapor Pressure (mm Hg) @20°C | 0.00016 | Melting Point | Liquid | |
| Vapor Density (AIR = 1) | 8.5 | Evaporation Rate (Butyl Acetate = 1) | N/A | |
| Solubility in Water | Water reacts | | | |
| Appearance and Odor | Dark brown liquid, aromatic | | | |
| Section IV—Fire and Explosion Hazard Data | | | | |
| Flash Point (Method Used) | C.O.C. 400°F | Flammable Limits | LEL N/A | UEL N/A |
| Extinguishing Media | Use water fog, carbon dioxide, foam or dry chemical extinguishing media. | | | |
| Special Fire Fighting Procedures | Firefighters should be equipped with self-contained breathing apparatus and turnout gear. | | | |
| Unusual Fire and Explosion Hazards | Avoid water contamination in closed containers or confined areas. (CO ₂ , evolved) | | | |
| Section V—Reactivity Data | | | | |
| Stability | Unstable | Conditions to Avoid Reaction with moisture may form CO ₂ | | |
| | Stable | X | | |
| Incompatibility (Materials to Avoid) | Water, alcohols, and strong bases | | | |
| Hazardous Decomposition or Byproducts | CO, CO ₂ , HCM, Toluene | | | |
| Hazardous Polymerization | May Occur | Conditions to Avoid Contamination with moisture and other products that react with isocyanates. | | |
| | Will not Occur | X | | |

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| Section VI—Health Hazard Data | | | |
| Route(s) of Entry: | Inhalation? Yes | Skin? Yes | Ingestion? Yes |
| Health Hazards (Acute and Chronic) | Vapors are harmful below odor threshold and should not be inhaled by individuals subject to bronchial asthma. | | |
| Carcinogenicity: | NTP? NO | IARC Monographs? NO | OSHA Regulated NO |
| Signs and Symptoms of Exposure | INHALATION: Breathlessness, chest discomfort and reduced pulmonary function. SKIN: Redness and irritation. INGESTION: Vomiting. | | |
| Medical Conditions Generally aggravated by Exposure | Bronchial asthma, pre-existing skin sensitivity | | |
| Emergency and First Aid Procedures | INHALATION: Remove to fresh air, treat symptoms, consult a doctor. SKIN: Remove contaminated clothing. Wash area with soap and water. INGESTION: Give large amount of water, consult doctor. EYES: Flush with water 15 minutes, consult doctor. | | |
| Section VII—Precautions for Safe Handling and Use | | | |
| Steps to be Taken in Case Material is Released or Spilled | Wear protective clothing. Evacuate all personnel not involved in clean up. Absorb with absorbent & containers in open top drums. Decontaminate area with mixture of 90% water, 8% ammonia and 2% detergent. | | |
| Waste Disposal Method | Incinerate or bury in accordance with EPA RCRA. | | |
| Precautions to be Taken in Handling and Storing | Keep containers closed and store in a well ventilated, cool dry area. | | |
| Other Precautions | Contamination by moisture and basic compounds can cause dangerous pressure buildup in a closed container. | | |
| Section VIII—Control Measures | | | |
| Respiratory Protection (Specify Type) | NIOSH approved air-supplied respirator | | |
| Ventilation: | Local Exhaust Yes | Special NO | |
| | Mechanical (General) Yes | Other NO | |
| Protective Gloves Rubber | Eye Protection Safety glasses | | |
| Other Protective Clothing or Equipment | Aprons and boots | | |
| Work/Hygienic Practices | Wash thoroughly after handling. Keep away from eyes, skin & clothing. | | |

The information on this data sheet represents our current data and best opinion as to the proper use in handling of this product under normal conditions. Any use of the product which is not in conformance with this data sheet or which involves using the product in combination with any other product or any other process is the responsibility of the user.

STL COMPOUND CORPORATION

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