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HMIS Ratings
Health: 2
Flammability: 2
Reactivity: 1
Personal Protection See VII
Equipment:

**Helix PolySpartic 65 SB
(PART B)
Material Safety Data Sheet**

**Emergency Telephone Number:
Chemtrec: 800.424.9300**

Notice: The following information is accurate to the best of our knowledge and is offered in good faith. No warranty, either expressed or implied, is hereby made. The recommended industrial hygiene and safe handling procedures are believed to be generally applicable. However, each user should review these recommendations in specific context of the intended use and determine whether they are appropriate.

I. IDENTIFICATION

Product Name: Helix PolySpartic 65 SB - Part B
Synonymous: N/A
Chemical Family: N/A
Chemical Formula: Proprietary
D.O.T. Hazard Class:
Ground Transportation
In one gallon and
Smaller containers: Paint, Non-regulated, Class 55
Ground transportation
In five gallon and
Large containers
And shipments by
Air and water: UN-1263, Paint, 3, PG II
Appearance & Odor: Clear or Pigmented Liquid, Slight, sweet smell

II. HAZARDOUS COMPONENTS & EXPOSURE LIMITS

Composition	WT. %	OSHA PEL	ACGIH TLV	CAS NO.
Homopolymer of HDI	70-80	Not established	Not established	28182-81-2
Benzene-1-chloro-4-fluoromethyl	20-30	Not established	Not established	98-56-6

III. TYPICAL PHYSICAL & CHEMICAL CHARACTERISTICS

Specific Gravity (H₂O=1): 1.3 average
Boiling Point: 298° F
Melting Point: N/A
Vapor Pressure: 4.8 mm Hg at 100° F. Heavier than Air
Vapor Density:
Evaporation Rate: Slower than ether
Solubility In Water: Insoluble, but will react with water

IV. FIRE EXPLOSION & REACTIVITY DATA

Flash Point: 104° F., Pensky-Martins Closed Cup
Flammable Limits: Lower explosion limit = .9% Upper explosion limit = 12.5%
Firefighting Media: Water fog, Carbon Dioxide, foam and Dry chemical
Special Firefighting Procedure: Wear self-contained breathing apparatus with a full face piece operated in pressure demand or other air positive mode when fighting fires.
Unusual Fire Hazards: Containers can rupture in a fire releasing toxic and corrosive gases. Vapors are heavier than air and can travel along the ground to a source of ignition and flash back, being ignited by heat, pilot lights, other flames and ignition sources distant from the area of material handling
Reactivity: N/A
Incompatibilities: Avoid strong oxidizing agents, alcohols, water, bases.
Byproducts: May form carbon dioxide, carbon monoxide, nitrogen oxides, hydrocarbons and isocyanates.
Hazardous: N/A
Polymerization: Will not occur
Conditions to Avoid: Avoid excessive heat, flames, sparks and any other possible sources of ignition. Never weld or use cutting torches near containers of freshly applied materials. Empty containers can be explosive.

V. HEALTH HAZARD DATA

Routes of Entry: Inhalation: Yes
Skin Contact: Yes
Ingestion: Yes
Health Hazards: Overexposure to vapor can cause respiratory and nasal irritation, dizziness, fatigue, nausea, headaches and possible unconsciousness. Ingestion may cause cramps, nausea, swelling, irritation of the gastrointestinal system and diarrhea. Eye contact can cause irritation, discomfort, redness, swelling, tearing and blurred vision. Skin contact can cause moderate skin irritation and dermatitis.
Carcinogenicity: NTP? No IARC? No OSHA? No
Sign and Symptoms: Dizziness, headaches.
Aggravated Medical Conditions: N/A

Emergency and First Aid Procedures

Inhalation: Remove to fresh air. If breathing becomes difficult, administer oxygen. Give artificial respiration, if breathing stops. Get medical attention.
Skin Contact: Thoroughly wash exposed area with soap and water. Remove any contaminated clothing and wash before re-using.
Eye Contact: Flush eyes with large amounts of water for at least 15 minutes. Get medical attention.
Ingestion: Seek medical attention immediately. Do not induce vomiting. Keep person warm.

VI. SPILL PROCEDURES & WASTE DISPOSAL

Spill:	Small spills may be contained with spill absorbant materials. Large spills should be contained to prevent run-off to sewers, streams, public water sources, etc., and authorities should be notified.
Waste Disposal:	According to Federal, State and Local regulations.
Precautions for Safe Handling And Storage:	Store materials in a dry, well-ventilated place at temperatures between 40 and 100° F.
Other Precautions:	Normal for flammable paints. This is a commercial product, not intended for home use. Keep out of reach of children.

VII. PROTECTIVE CONTROL MEASURES

Respirator:	Use of a respiratory mask meeting NOISH/MSHA is acceptable. Adequate ventilation should be present.
Ventilation:	Yes
Local Exhaust:	In enclosed areas
Mechanical:	In enclosed areas
Special:	N/A
Protective Gloves:	Chemical resistant gloves and other appropriate clothing should be worn when handling and using the product.
Eye Protection:	Chemical splash resistant goggles which comply to OSHA regulations are recommended.
Other Protective Clothing Required:	Normal for paint and solvent seal application.

Work/Hygiene Practices

Wash hands after and before use and before eating, drinking and smoking. Do not use this product without adequate ventilation.