



Safety Data Sheet

SEC. 1 - PRODUCT IDENTIFICATION :

Product Code: HS-752 resin

Revised Date: 8-25-2017

Supplier:

Huntington Specialty Materials

600 West Germantown Pike – 400 Suite #120

Plymouth Meeting, PA 19462c

Emergency Phone:

Chem-Tel: 800-225-3924

Product commonly used for: A 2 part resin system for composite fabrication & bonding

Sec. 2 -Hazardous Ingredients / SARA III Information

Reportable ingredients:

Part A (HS-752) (Proprietary “Polysilazane matrix”)

3,4-Epoxy cyclohexane/methyl carboxylate CAS# 2386-87-0 >95%

Balance of materials are deemed non-hazardous and are a part of this proprietary formulation

Part B HS-752 (Proprietary “Polysilazane matrix”)

Methyl-5-norbornene-2, 3-dicaboxylic anhydride CAS# 25134-21-8 >60%

5-norbornene-2, 3-dicaboxylic anhydride CAS# 826-62-0 10-30%

Balance of materials are deemed non-hazardous and are a part of this proprietary formulation

SEC. 3 Hazards Identification:

Health Hazard: 2 Slight

Flammability: 0 Least

Reactivity Hazard: 0 Least

Potential health effects:

Inhalation health risks & symptoms of exposure: Respiratory tract irritation, headaches, dizziness

Skin health risk and symptoms of exposure: moderate irritation

Over-exposure: severe irritation (aggravates dermatitis- creates redness of skin)

Eye contact: severe irritation

Ingestion health risks and symptoms: nausea, headaches, dizziness (contains organic solvents)

Medical conditions aggravated by exposure: allergies, skin disorders, respiratory tract disorders

SEC. 4 Emergency and first aid procedures:

Inhalation: remove to fresh air – give oxygen

Skin contact: wash with water/soap

Eyes: wash with an abundance of water (15 minutes) consult physician

Ingestion: seek medical attention – do not induce vomiting

SEC. 5 Fire and Explosion Hazard Data:

Flash point: 200°F (closed cup)

Flammable units (in air by volume); N/A

Extinguishing media: Carbon Dioxide, Foam Dry chemical, water spray

Fire Fighting Procedures: use self-contained breathing apparatus – use full protective gear

Un-usual fire and explosion hazards: none

SEC. 6 Accidental release measures:

Steps to be taken in case materials is released or spilled:

Clean-up immediately, use mop or other absorbent materials to contain spill. Gather into a waste container,

Waste disposal method: dispose of according to with local, state and federal regulations.



SEC. 7 storage and handling:

Precautions to be taken: store between 59 & 86°F – avoid freezing to avoid long thaw times Keep lids closed when not in use; keep out of the reach of children, keep containers upright to prevent leakage. Protect from Moisture, Keep away from incompatible materials: (strong acids or oxidizers)

SEC. 8 Control Measures:

Respiratory protection: if spray mist are generate – use NIOSH approved breathing respirators

Ventilation: adequate ventilation should be provided in confined spaces

Where ventilation is reduce, use an organic chemical cartage respirator.

Protective gloves: wear impermeable gloves

Eye protection: use splash goggles or face shield when eye contact is possible.

Other protective measures: wear appropriate clothing to prevent probability of personal contact.

Work/hygienic practices: wash hands and clothing with soap and water

SEC. 9 Physical / Chemical Properties

Boiling range: 248°F / 120C

Flash point: 302°F / 150C

Specific gravity: 1.19

Vapor density: 6.1g/L

Evaporation rate: Not determined

Dynamic Viscosity:

1350-1800cP

Solubility in water: not determined

Appearance: Transparent Brown colored liquid

Odor: during mixing – resin smell

Cured material – little to no smell

SEC. 10 Stability & Reactivity Data:

Stability: stable X

Incompatibility: very strong acids, alkalis or oxidizing agents or water

Hazardous Decomposition or by products: Aldehydes, carbon monoxide, carbon dioxide

Hazardous polymerization: @ 200C or higher

SEC. 11 Toxological information:

Not listed as a carcinogen by (NTP) not regulated as a carcinogen by (OSHA) not evaluated by (IARC)

No human studies have been conducted with this material

SEC. 12 ecological information:

This product has been determined safe to aquatic organisms when used as directed. Avoid large releases into waterways.

SEC. 13 Disposal considerations

Waste disposal method: dispose of according to with local, state and federal regulations

SEC. 14 Transportation Information:

US DOT: Proper Shipping Name: Natural Polymers emulsions Not regulated

IATA: Proper Shipping Name: Natural Polymers emulsions Not regulated

SECTION 15 – REGULATORY INFORMATION

U.S. Federal Regulations:

OSHA Standard 29 CFR 1910.1200 requires that information be provided to employees regarding the hazards of chemicals by means of hazard communication program including labeling, material safety data sheets, training and access to written records. We request, as it is your legal duty too, make all information in this Material Safety Data Sheet available to all your employees.



Huntington Specialty Materials