

Identity As used on Label and List:

**TimberBond NSG – VFG - & CPR****Section I**

Manufacturer's Name:

GRA Services, LLC  
5020 E. 2<sup>nd</sup> Street  
Edmond, OK 73034Emergency Telephone #: (800) 424-9300  
Telephone #: (405) 330-2395  
Date Prepared: 11/02/98**Section II**

Product Class:

**Hazardous Ingredients / Identity Information**

Formulation Identification:

Epoxy

Hazardous Components (Specific Chemical Identity):

Adhesive

Common Name(s)

**Component A:**

Modified Bisphenol A/Epichlorohydrin

Base Epoxy Resin

CAS #25068-38-6

N/E

N/A

&gt;80%

Talc

CAS #14807-96-6

5 mg/m3

5 mg/m3

&lt;15%

Coated Precipitated Calcium Carbonate

CAS #1317-65-3

5 mg/m3

10 mg/m3

&lt;15%

Zinc Oxide

CAS #1314-13-2

5 mg/m3

5 mg/m3

&lt;15%

This product contains detectable amounts of a chemical known to the State of California to cause birth defects/cancer or other reproductive harm.

**Component B:**

Trade Secret Amine Blend containing one or more of the following:

CAS #694-83-7

NE

NE

&lt;50%

CAS #143-23-7

NE

NE

CAS #140-31-8

NE

NE

CAS #100-51-6

NE

NE

CAS #NE

NE

NE

CAS #68953-36-6

NE

NE

2,4,6-Tri(dimethylaminomethyl)phenol

CAS #90-72-2

10 mg/m3

5 mg/m3

&lt;5%

Talc

CAS #14807-96-6

5 mg/m3

5 mg/m3

&lt;20%

Coated Precipitated Calcium Carbonate

CAS #1317-85-3

10 mg/m3

5 mg/m3

&gt;20%

None of the remaining components considered a Hazardous Material or carcinogen (1910 1200 Hazard Communication (d) (4)).

Transportation Information

DOT Classification

Amines, Liquid Corrosive, n o s  
(aminopropyldiethanolamine)  
Shipping # UN 2735, Hazard Class 8, PG III**Section III**

Boiling Point

N/E

Specific Gravity

A 1.26

B 1.58

Vapor Pressure (mmHg)

N/E

Melting Point

N/E

Vapor Density (Air=1)

&gt; 1

Evaporation Rate (Ether=1) &gt;1

Solubility in Water

Insoluble

Appearance and color

A = White Gel, mild odor

B = Gray Gel, strong odor

**Section IV****Fire and Explosion Hazard Data**

Flash Point (Method used)

&gt;200F

Flammable Limits

LEL N/A

UEL N/A

Extinguishing Media

Foam, Co2, Water Fog

Special Fire Fighting Procedures

None

Unusual Fire and Explosion Hazards

None Avoid breathing smoke

**2Section V**

Stability  
 Incompatibility (Materials to Avoid)  
 Hazardous Decomposition  
 Or Byproducts  
 Hazardous Polymerization

**Reactivity Data**

Stable  
 Strong Oxidizers  
  
 Co, Co2, Nox  
 None

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Conditions to Avoid      None  
 Strong Bases  
  
 Conditions to Avoid      Fires when curing

**Section VI**

Carcinogenicity: No      NTP? No      IARC? No      OSHA Regulated? No

**Health Hazard Date**

Effects and Hazards of Overexposure (Acute and Chronic)

Eyes: Will produce irritation, sensitization  
 Skin: Will produce irritation, sensitization  
 Inhalation: (Breathing) Will produce irritation, sensitization  
 Ingestion: (Swallowing) Will produce irritation, sensitization

**Emergency and First Aid Procedures**

Remove any contaminated clothing

Eyes: Flush immediately with water for 15 min. Contact a physician immediately  
 Skin: Remove epoxy from skin immediately with a dry cloth or paper towel. Wash area of contact with soap and water. Do not use solvents, they may carry irritation into the skin.

Inhalation: If respiratory irritation occurs, go to fresh air. Flood work area with fresh air and if irritation continues, seek medical attention.

Ingestion: Not expected. Contact medical help immediately, untrained first aid personnel should not attempt to administer first aid.

**Section VII**

Steps to be taken in case material is leaked or spilled:  
 Waste disposal Method: Small Spill

**Spill or Leak Procedures**

Bind with absorbent material  
 Per local, state and federal regulations

**Section VIII**

Respiratory Protection

**Safe handling and Use Information**

Respiratory protection is required when ventilation is inadequate. NIOSH/MSHA approved respirators should be provided and worn. All workers required to use respiratory protection should be trained in their proper selection, use and care. A written respiratory program is outlined in 29 CFR 1910, 134 and is required by OSHA.

Ventilation (Local Exhaust)

Recommended for indoor use or confined spaces.

Ventilation (Mechanical-General)

Recommended for indoor use or confined spaces.

Ventilation (Special)

Recommended when local and mechanical ventilation is not adequate.

Ventilation (Other)

N/E

Protective Gloves

Recommended when handling bulk material.

Eye Protection

Recommended in confined areas and when handling bulk material.

Other Protective Equipment

Recommended splash bib/protective clothing when handling bulk material.

Work/Hygienic Practices

Remove and wash contaminated clothing. As with all commercial and industrial products, always wash hands before eating and smoking.

**Section IX**

Precautions to be taken in handling

**Special Precautions**

Store in a cool dry location. Do not allow material to freeze, as product may be damaged. Store away from sparks and flame.

Other Precautions

None

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N/A: Not Available

N/E: Not Established