

MATERIAL SAFETY DATA SHEET

Product: Select Bond GP-3000 B Component

Product Number: 02-009

MSDS Date: 6/25/2003

1. Product and Company Identification		
Manufacturer Select Products 1131 Baker ST. Costa Mesa, CA 92626 Telephone No. 714 429 0808 Fax No. 714 429 0808	Supplier Select Products 1131 Baker ST. Costa Mesa, CA 92626 Telephone No. 714 429 0808 Fax No. 714 429 0808	
Manufacture Emergency Contacts 877 633 2750	Supplier Emergency Contacts 877 633 2750	
Issue Date: 1/8/93 Product Name: Select Bond GP 3000 B Component CAS Number: Not establish Chemical Family: Epoxy MSDS Number: 02-001		
2. Composition / Information on Ingredients		% of Total Weight
Ingredient	CAS No.	
Nonylphenol	84852-15-3	5-10%
Diethylenetriamine	111-40-0	<5%
Tetraethylenepentamine	112-57-2	<5%
Tufa, Reaction products with Tupa	68953-36-6	15-20%
3. Hazards Identification		
<p>Skin and Eye Hazards Undiluted product quickly causes sever irritation and pain and may cause burns, necrosis and permanent injury. Burns of the eye may cause blindness. Product vapor in low concentrations can cause lacrimation, conjunctive and corneal edema when absorbed into tissue of the eye from the atmosphere. Corneal edema may give rise to a perception of "Blue Haze" around lights. The effect is transient and has no residual effect. Product is readily absorbed through the skin and may cause malaise, discomfort injury & death unless treated promptly. Prolonged contact may result in chemical burns & permanent damage. Remove product and immediately flush with water for at least 15 minutes. Call physician. Except in minor burns, cover affect area with sterile dressing and transport for medical care. DO NOT apply grease or ointments. Control shock. Victims of major skin area contact should remain under medical observation for 24 hours due to possible delayed effects. Repeated contact may cause a persistent irritation or dermatitis.</p> <p>Inhalation Hazards May cause irritation, coughing & chest pain. Move to fresh air. If breathing has stopped or is labored give assisted respiration. Supplemental oxygen may be indicated. Prevent aspiration of vomit. Call physician. Repeated inhalation may cause lung damage.</p> <p>Ingestion Causes burning of the mouth, throat, stomach with abdominal and chest pain, nausea, vomiting, diarrhea and weakness. Aspiration may occur during swallowing or vomit resulting in lung damage. Swallowing of this corrosive material may result in severe ulceration, inflammation, and possible perforation of the upper alimentary tract, with hemorrhage and fluid loss. Aspiration of this product can result in sever lung injury. If evacuation of the stomach is necessary, use method least likely to cause aspiration, such as gastric lavage after endotracheal intubation. Contact a poison control center for additional treatment information.</p> <p>Note to physicians This product is highly injurious to all tissues.</p>		

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4. First Aid Measures

Eye Flush with large amounts of water for 15 minutes, get medical attention immediately. Severe eye damage.

Skin Remove product and immediately flush with water for at least 15 minutes. Call a physician. Except in minor burns, cover affected area with sterile dressing and transport for medical care. DO NOT apply grease or ointments. Control shock. Victims of major skin area contact should remain under medical observation for 24 hours due to possible delayed effects. Repeated contact may cause a persistent irritation or dermatitis.

Ingestion Administer 3 to 4 glasses of milk or water. DO NOT induce vomiting material. May cause severe lung injury

Inhalation Move to fresh air. If breathing has stopped or is labored give assisted respiration. Supplemental oxygen may be indicated. Prevent aspiration of vomit. Call physician. Repeated inhalation may cause lung damage.

5. Fire Fighting Measures

Boiling Point: 210F, Pensky martin

Flammable Limits: LFL: No data UFL: No data

Fire and Explosion Hazards May generate toxic or irritating combustion products. Sudden reaction and fire may result if product is mixed with an oxidizing agent.

Extinguishing Method

Foam, CO2, Foam dry chemical, Water spray

Fire Fighting Equipment

Remove all ignition sources. Wear positive pressure self-contained breathing apparatus and complete personal protective equipment when entering confined areas where potential for exposure to vapors or product of combustion exists. Contain water runoff for later disposal.

6. Accidental Release Measures

Ventilate spill area. Construct a dike. Eliminate ignition sources. Use self-contained breathing apparatus and butyl rubber to neutralize and reduce vapors. or spills with sodium bisulfate protective clothing. Cover minor spills with sodium bisulfate to neutralize and reduce vapors. Place in metal containers for disposal. Prevent product from entering streams or drinking water. Evacuate all personnel upwind from spill.

7. Handling and Storage

Handling and Storage Precautions

Keep containers closed tightly and in upright position. Store in COOL, DRY area, May Crystallize if Stored Below 68F/20C

Work/Hygienic Practice

Use chemical goggles. Use impervious gloves when prolonged or frequently repeated contact should occur.

8. Exposure Controls/Personal Protection

Engineering Controls

Local and mechanical exhaust is recommended.

Eye/Face Protection

Chemicals goggles with side shields. Contact lenses should not be worn. Use full face shield should be used in emergency.

Skin Protection

Neoprene or rubber gloves, long sleeved and long legged clothing.

Respiratory Protection

Use adequate ventilation when using this product. Avoid breathing vapors of heated material. In poorly ventilated areas, a cartridge mask (NIOSH) approved for organic vapors is recommended or when vapor concentration exceeds 20ppm for more than 15 minutes.

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8. Exposure Controls/Personal Protection - Continue

Other/General Protection

Practice good caution and personnel cleanliness to avoid skin and eye contact. Avoid breathing vapors of heated material.

Ingredient - Exposure Limits

Nonylphenol: OSHA PEL: N/E, ACGIH TLV: N/E

Diethylenetriamine: OSHA PEL: 4, ACGIH TLV: 4

Tetraethylenepentamine: OSHA PEL: N/E, ACGIH TLV: N/E

Tufa, reaction Product with Tefa: OSHA PEL: N/E, ACGIH TLV: N/E

9. Physical and Chemical Properties

Boiling Point: 207C

Vapor Density: <5.0 @ 25C

Evaporation Rate: No data (butyl Acetate=1.0)

Solubility in water: Slightly

Appearance: Black/White paste with ammoniacal & phenolic odor.

10. Stability and Reactivity

Stability:

Conditions to avoid. Excess heating over long periods of time degrades the resin. Generally STABLE.

Incompatibility:

Base.

Hazardous Polymerization:

Will not occur by itself but masses more than 1 pound of product plus aliphatic amine will cause irreversible polymerization with considerable heat buildup. Under Normal Conditions Will Not Occur.

Hazardous Decomposition Products

The by-products expected in incomplete pyrolysis or combustion of epoxy resin are mainly phenolics, carbon monoxide and water. The thermal decomposition products of epoxy resins therefore should be treated as potentially hazardous substances and appropriate precautions should be taken. Usually NONE.

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11. Toxicological Information

Miscellaneous Toxicological Information

The components of this product are contained on the chemical substance inventory list.

Conditions Aggravated by Exposure

Except for skin sensitization, repeated exposures to low molecular weight epoxy resins of this type has been reported to produce skin cancer in a highly sensitive strain of mice. However, high levels of impurities compromise the validity of the findings. Epoxy resin that is representative of current manufacturing processes is not believed to be a cancer hazard to humans. Results of mutagenicity test in animals have been negative. It has been shown to be negative in some in vitro mutagenicity test and positive in others.

Ingredients - Carcinogenicity

Non of the ingredients are listed by IARC, NTP, or OSHA

12. Ecological Information

No data

13. Disposal Considerations

Dispose in accordance with local, state or federal regulations.

14. Transport Information

Proper Shipping Name

Not regulated

15. Regulatory Information

U.S. Regulatory Information

SARA Hazard Classes

SARA Section 313 Notification

Ingredients - U.S. Regulatory Information

Ingredients - State Regulations

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16. Other Information**HMIS Rating**

Health:	██████████	1
Fire:	██████████	1
Reactivity:	██████████	1
PPE:	██████████	G

Revision/Preparer Information**Disclaimer**

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