

MATERIAL SAFETY DATA SHEET

Date Prepared: September 26, 2005

1. PRODUCT/COMPANY IDENTIFICATION

Product Name:
Amguard® Latex Modifier

Emergency Telephone:
800-424-9300 (Chemtrec) or
703-527-3887 (Outside USA)

Manufacturer's Name & Address:
Bonsal American
8201 Arrowridge Blvd.
Charlotte, NC 28273

Telephone Number for Information:
704-525-1621

2. EMERGENCY AND FIRST AID

EMERGENCY INFORMATION:

Amguard® Latex Modifier, water based liquid. Material has mild odor. May cause skin, eye or respiratory irritation. Use exposure controls or personal protection methods described in Section 12.

EYES:

Immediately flush eye thoroughly with water. Continue flushing eye for at least 15 minutes, including under lids, to remove all particles. Call physician immediately.

SKIN:

Remove contaminated clothing. Wash skin with cool water and pH-neutral soap or a mild detergent. Seek medical treatment if irritation or inflammation develops or persists.

INHALATION:

Remove person to fresh air. If breathing is difficult, administer oxygen. If not breathing, give artificial respiration. Seek medical help if coughing and other symptoms do not subside.

INGESTION:

Do not induce vomiting. If conscious, have the victim drink plenty of water and call a physician immediately.

3. COMPOSITION INFORMATION

DESCRIPTION:

Amguard® Latex Additive is a white, water based latex emulsion of Acrylonitrile-butadiene co-polymer. See Section 4. for hazardous ingredients.

4. HAZARDOUS INGREDIENTS

COMPONENT	OSHA PEL	ACGIH TLV-TWA	NIOSH REL
Polymer/Solids (Proprietary)	Not established	Not established	
n-Methylol-acrylamide (CAS# 924-42-5)	Not established	25 ppm	
Acrylamide (CAS# 79-06-1)	0.30 ppm	0.03 mg/m ³	
Formaldehyde (CAS# 50-00-0)	0.75 ppm	Not established	

5. HAZARD IDENTIFICATION

POTENTIAL HEALTH EFFECTS:	May cause eye irritation skin irritation dizziness and headaches. Vapors may cause eye, nose and throat irritation. Exposure to acrylamide may cause peripheral nervous system affects. Eye contact with acrylamide may cause corneal damage.
CARCINOGENICITY:	Acrylamide and formaldehyde are listed as IARC Group 2A;NTP anticipated human carcinogens.
CONDITIONS GENERALLY RECOGNIZED AS BEING AGGRAVATED BY EXPOSURE:	Dermal ailments. Respiratory ailments.
SYNERGISTIC EFFECTS:	Effects that are more serious for simultaneous exposure to two or more chemicals: None known
USUAL METHODS OF CONTACT:	Eye contact, skin contact, inhalation
PRIMARY ROUTE(S) OF ENTRY INTO THE BODY:	Inhalation of mist, skin contact

6. ACCIDENTAL RELEASE MEASURES

Use protective equipment and respiratory protection. Contain material to prevent contamination of soil, surface water or ground water by impoundment or diking. Absorb spilled liquids with absorbents. . Dispose of in an approved facility, see Section 13, Disposal Considerations. Avoid contact with skin and eyes. Use exposure control and personal protection methods as described in Section 12.

7. PHYSICAL/CHEMICAL DATA

APPEARANCE/ODOR:	Milky white liquid, slight vinegar odor	PHYSICAL STATE:	Liquid
BOILING POINT:	> 200°F	MELTING POINT:	Not applicable
VAPOR PRESSURE:	18 mm Hg @ 20°	VAPOR DENSITY:	Lighter than air
pH (IN WATER) (ASTM D 1293-95)	6 to 7	SOLUBILITY IN WATER:	Miscible
SPECIFIC GRAVITY (H₂O = 1.0):	1.1	EVAPORATION RATE:	Same as water

8. FIRE AND EXPLOSION

FLASH POINT:	Aqueous system	LOWER EXPLOSIVE LIMIT:	Not Determined
AUTO IGNITION TEMPERATURE:	Not Determined	UPPER EXPLOSIVE LIMIT:	Not Determined
FLAMMABLE LIMITS	Not determined.	SPECIAL FIRE FIGHTING PROCEDURES:	None
EXTINGUISHING MEDIA:	Aqueous product. For fires involving dry material use water, CO ₂ , dry chemicals or foam.	UNUSUAL FIRE AND EXPLOSION HAZARDS:	None
HAZARDOUS COMBUSTION PRODUCTS:	Carbon monoxide, Carbon dioxide		

9. STABILITY AND REACTIVITY DATA

STABILITY:	Product is stable.
CONDITIONS TO AVOID:	None known.
INCOMPATIBILITY:	None known
HAZARDOUS DECOMPOSITION:	Will not occur.
HAZARDOUS POLYMERIZATION:	Will not occur.

10. PRECAUTIONS FOR HANDLING AND STORAGE

HANDLING AND STORAGE	Wash thoroughly after handling. Wash contaminated clothes before reuse. Check protective clothing, particularly impervious gloves, for leaks before use. Launder work clothes separately from family clothes. Use exposure control and personal protection methods as described in Section 12.
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11. TOXICOLOGICAL INFORMATION

See Section 5 for Hazard Identification.

Acrylamide:

Oral – rat LD50 (mg/kg): 490

Dermal – rabbit LD50 (mg/kg): 2250

Eye Irritant – rabbit: No data available

Formaldehyde:

Inhalation of formaldehyde at concentrations above 5 ppm for 6 hours a day for 2 years caused cancer in laboratory animals.

12. EXPOSURE CONTROLS/PERSONAL PROTECTION

VENTILATION:

Use local exhaust or mechanical ventilation hood ventilation to control mist levels below applicable exposure limits. Minimize dispersal of t into the air.

Wear safety glasses with side shields or goggles to avoid contact with the eyes. In extremely dusty environments and unpredictable environments, wear tight-fitting unvented or indirectly vented goggles to avoid eye irritation or injury.

Contact lenses should not be worn when handling cement or cement containing products.

PROTECTIVE EQUIPMENT:

Goggles, impervious gloves and impervious clothing to prevent skin contact.

RESPIRATORY PROTECTION:

Use an organic vapor respirator. If mist is present, add pre-filter for mist.

13. DISPOSAL CONSIDERATIONS

This product, when discarded or disposed of, is not specifically listed as a hazardous waste in federal regulations. It could be designated as a hazardous waste according to some state regulations. This product could also become a hazardous waste if it is mixed with or comes in contact with a hazardous waste. If such contact occurs, consult 40 CFR, to determine whether it is a hazardous waste.

The transportation, storage, treatment and disposal of this waste must be conducted in accordance with all applicable federal, state and local regulations.

14. TRANSPORTATION DATA

Amguard ® Latex Additive is not hazardous under U.S. DOT or TDG regulations.

15. OTHER REGULATORY INFORMATION

Status under US OSHA Hazard Communication Rule 29 CFR 1910.1200:	Amguard ®Latex Additive is considered a hazardous chemical under this regulation and should be included in the employer's hazard communication program.
Status under CERCLA/Superfund, 40 CFR 117 and 302:	Not listed.
Hazard Category under SARA (Title III), Sections 311 and 312:	Immediate (acute) health hazard. Chronic (delayed) health hazard.
Status under SARA (Title III), Section 313:	n-Methylol-acrylamide (CAS# 924-42-5)
Status under TSCA (as of May 1997):	Listed.
Status under the Federal Hazardous Substances Act:	Hazardous.
Status under California Proposition 65:	This product contains chemicals known to the State of California to cause cancer.
Status under Canadian Environmental Protection Act:	Not listed.
Status under Canadian WHMIS:	Class D Division 2A, Class D Division 2B

16. OTHER INFORMATION

The information and recommendations contained herein are based upon data believed to be correct. However, no guarantee or warranty of any kind, express or implied, is made with respect to the information contained herein. It is the user's obligation to determine the conditions of safe use of this product.