

MATERIAL SAFETY DATA SHEET

PROSOURCE ONEPRODUCT NAME(S)For Emergency Call: 800-228-5635or
Chem Trec: 800-424-9300

BRACE

Effective Date: 01/14/98

I. IDENTIFICATION

CHEMICAL NAME OF PRIMARY COMPONENT(S): Polyacrylamide emulsion

FORMULA: Not applicable

MOLECULAR WEIGHT: Not applicable

SYNONYMS: Not applicable

CAS # & NAME: Not applicable

EPA Reg No. Not applicable

II. INGREDIENTS/SUMMARY OF HAZARDS

(H)/INGREDIENT(S)	CAS NUMBER	OSHA HAZARD NON-HAZARD (NH)	PERCENT
Polyacrylamide			30

	NFPA ^{1/}	HMIS ^{2/}
HEALTH	1	1
FIRE	0	0
REACTIVITY	0	0

1/ National Fire Protection Association Rating

2/ Hazardous Materials Identification System

(4 = Extreme/Severe 3 = High/Serious 2 = Moderate 1 = Slight 0 = Minimum)

EXPOSURE LIMITS:

CHEMICAL NAME(S)	ACGIH (TLV)	OSHA (TWA)

CARCINOGENICITY, TERATOGENICITY, MUTAGENICITY: Not listed as a carcinogen by NRC, IARC or OSHA

SIGNS OF POISONING: Numbness, dizziness.

PRIMARY ROUTES OF ENTRY: Ingestion, skin contact.

EFFECTS OF SINGLE OVEREXPOSURE:

Swallowing: May be harmful if swallowed.

Skin Absorption: May be harmful if absorbed through skin.

Eyes: Can cause eye irritation.

Inhalation: Inhalation may irritate the respiratory tract.

EFFECTS OF REPEATED OVEREXPOSURE: Prolonged or repeated contact with eyes can cause eye irritation, and permanent damage is possible if contact is prolonged. May cause skin irritation, drying or cracking of the skin. Contains trace amount of acrylamide. Prolonged exposure to liquid or dry product may cause numbness, tingling or weakness in extremities. Breathing vapors may irritate respiratory system, headache, dizziness and drowsiness.

OTHER EFFECTS OF OVEREXPOSURE: Repeated overexposure to trace amounts of acrylamide in liquid or dried products may cause development of neurotoxicological effects.

EXISTING MEDICAL CONDITIONS POSSIBLY AGGRAVATED BY EXPOSURE: Breathing vapors or mists may aggravate pre-existing asthma or other lung disorders.

EMERGENCY AND FIRST AID PROCEDURES:

Swallowing: Do not induce vomiting. Call a physician or poison control center.

Skin: Wash affected area with plenty of soap and water. Remove contaminated clothing. Launder contaminated clothing separately.

Eyes: Hold eyelids open and flush with a steady stream of water for at least 15 minutes. GET MEDICAL ATTENTION.

Inhalation: Remove victim to fresh air. If not breathing, administer artificial respiration. GET MEDICAL ATTENTION.

NOTES TO PHYSICIAN: Treat symptomatically.

VII. PRECAUTIONS FOR SAFE HANDLING AND USE

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED:

Dike the area using absorbent or materials such as sand or clay. Recover and contain as much product as possible using absorbent. Clean spill area using a solution of water and detergent. Collect and contain wash water and all contaminated absorbent for disposal. If spilled on the ground, the affected area should be excavated to a depth of 1 - 2 inches. Prevent the spilled product or washings from reaching public sewers or waterways. Wear appropriate protective equipment during the cleanup. Ensure that tools and equipment are adequately decontaminated.

WASTE DISPOSAL METHOD: Dispose of in accordance with federal, state and local regulations.

CONTAINER DISPOSAL: Dispose of in an approved facility according to federal, state and local regulations.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: Store in a cool, dry, secure area.

SARA TITLE III HAZARD CLASSIFICATION

IMMEDIATE (ACUTE) HEALTH	Yes
DELAYED (CHRONIC) HEALT	No
FIRE	No
SUDDEN RELEASE OF PRESSURE	No
REACTIVE	No

III. PHYSICAL DATA

SPECIFIC GRAVITY: 1.00
 BOILING POINT: > 212⁰ F
 FREEZING POINT: 0⁰ F
 VAPOR PRESSURE: Not determined
 SOLUBILITY IN WATER: Miscible
 APPEARANCE: White, viscous liquid emulsion
 ODOR: Neglibile

IV. FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: > 200⁰ F (PMCC)
 FLAMMABLE LIMITS IN AIR: Not determined
 AUTOIGNITION TEMPERATURE: Not determined
 EXTINGUISHING MEDIA: Use carbon dioxide or dry chemical for small fires and water fog or foam (alcohol, polymer or ordinary) for large fires. Water stream may spread flames.
 UNUSUAL FIRE AND EXPLOSION HAZARDS: Wet polymer may cause extremely slippery floor surfaces.
 SPECIAL FIRE FIGHTING PROCEDURES: Fire fighters should use self contained breathing apparatus and full turnout gear. Prevent runoff of fire water. Avoid exposure to smoke.

V. REACTIVITY DATA

STABILITY: Stable under normal conditions.
 CONDITIONS TO AVOID: None known.
 MATERIALS TO AVOID: Strong oxidizers
 HAZARDOUS DECOMPOSITION PRODUCTS: Ammonia and oxides of carbon and nitrogen.
 HAZARDOUS POLYMERIZATION: Will not occur

VI. HEALTH HAZARD DATA/FIRST AID PROCEDURES

TOXICOLOGY DATA:
 Acute Oral LD₅₀ (rat): > 2.5g/kg
 Acute Dermal LD₅₀ (rabbit): > 10g/kg
 Acute Inhalation: Not determined
 Eye Irritation (rabbit): Not determined
 Dermal Irritation (rabbit): Not determined
 Dermal Sensitization: Not determined

 VIII. SPECIAL PROTECTION INFORMATION

PROTECTIVE EQUIPMENT SHOULD BE USED DURING THE FOLLOWING PROCEDURES:

- Manufacture or formulation of this product.
- Repair and maintenance of contaminated equipment.
- Clean up of leaks and spills.
- Any other activity that may result in hazardous exposures.

RESPIRATORY PROTECTION: If misting conditions exist, use NIOSH/MSHA approved respirator for organic vapors. Use positive pressure contained breathing apparatus where emergency conditions or where exposure limits are exceeded.

VENTILATION: Local exhaust

PROTECTIVE CLOTHING: Chemical resistant gloves, coveralls, apron and foot coverings.

EYE PROTECTION: Safety glasses/goggles

USER SAFETY RECOMMENDATIONS: Safety showers and eye wash should be easily accessible.

 IX. REGULATORY STATUS

TSCA INVENTORY STATUS:

TRANSPORTATION STATUS:

DOT INFORMATION: Not regulated

Container Capacity	Proper Shipping Name	Hazard Class	Label	Packing Group

SARA TITLE III

Section 302-304 (40 CFR 350):

Extremely Hazardous Substance (EHS): Not applicable

Section 312, Reporting (40 CFR 370):

SARA/OSHA Hazardous Chemical Reporting Quantity: Not applicable

Section 313, Toxic Chemicals: Not listed

Reportable Quantity (RQ): Not listed

RCRA HAZARDOUS WASTE: Not listed

International Right-To-Know Regulations:

 X. REFERENCES

- 1) Supplier sponsored studies.

THE INFORMATION HEREIN IS GIVEN IN GOOD FAITH,
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