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Material Safety Data Sheet Normac 900R-NPB

SECTION I – SUPPLIER AND MATERIAL IDENTIFICATION

Supplier's Name: Blair Rubber Company
5020 Panther Parkway
Seville, OH 44273
Emergency Telephone Number: 800/424-9300
International Telephone Number: 202/483-7616
information Telephone Number: 330/769-5583

Product Class: Rubber Adhesive
Chemical Family: Chloroprene Polymer
Trade Name: Normac 900R-NPB

SECTION II – HAZARDOUS INGREDIENTS

	Cas No.	% W.W.	TLV, ppm
n-Propyl Bromide	106-94-5	60-85	N.E.
t-Butanol	75-65-0	< 2	100
1,2 Epoxybutane	106-88-7	< 2	400
Acetonitrile	75-05-8	< 2	40
Polychloroprene	9010-98-4	10-25	N.A.
Resin, polymer with phenol	68083-03-4	5-15	N.A.

SECTION III – PHYSICAL DATA

Specific Gravity: 1.30
Viscosity @ 25° C: 2500-4500 cps
Boiling Point: 71° C
Vapor Pressure: 112 mm Hg @ 20° C
Vapor Density
(air = 1): 4.3
Volatility %: N.E.
Appearance: Viscous Liquid
Odor: Characteristic odor

SECTION IV – FIRE AND EXPLOSION DATA

Flash Point:	N/A
Flammable Limits in Air (% by Vol.):	LFL: 4.0% @ 25° C UFL: 8.0% @ 25° C
Extinguishing Media:	Carbon dioxide, dry chemical powder, alcohol or polymer foam(Class ABC,BC fire extinguisher). Water may be ineffective.
Unusual Fire and Explosion Hazards:	Containers may explode and toxic and corrosive fumes may be released in a fire.
Special Fire Fighting Procedure:	Wear self-contained respiratory equipment and protective gear to prevent eye and skin contact.

SECTION V – REACTIVITY DATA

Stability:	Stable under ambient temperature and pressure
Conditions to avoid:	Ignition sources.
Incompatibility Material:	Strong oxidizers and strong bases.
Hazardous Decomposition Products:	Hydrogen bromide, oxides of carbon.
Hazardous Polymerization:	Will not occur

SECTION VI – HEALTH RELATED DATA

Exposure limits:	1000 ppm TLV based on independent sources.
Eyes:	May cause irritation
Skin:	May cause skin irritation
Ingestion:	Low toxicity, not expected to be a hazard in normal use.
Inhalation:	May irritate the nose throat and lungs. Exposure to high doses may cause CNS depression. Such doses may also cause adverse effect in liver, kidneys and lungs.

SECTION VI – HEALTH RELATED DATA, continued

Aniimal Data: n-Propyl bromide: LD50 Rat, oral – 4260 mg/kg
LC50 Rat, inhalation – 253,000 mg/m³/0.5 hr.
1,2 Epoxybutane: LD50 Rat, oral – 1180 mg/kg
LD50 Rabbit, derml – 1760mg/kg
t-Butanol: LD50 Rat, oral – 3500 mg/kg
Acetronitrile: LD50 Rat, oral – 2460 mg/kg
Carcinogenicity: Not known to be a carcinogen. Not classified by IARC.
Mutagenicity: Not mutagenic by Ames test.
Chronic Toxicity: N.E.

First Aid

Eyes: Irrigate eyes immediately with water for at least 20 minutes. May cause pain and vapor may irritate eyes. Get medical attention.

Skin contact: Wash thoroughly with soap and water.

Ingestion: Wash mouth with plenty of water. If conscious, give a glass of water to drink. Get medical attention.

Inhalation: Remove person to fresh air. Get medical attention..

SECTION VII – SPILL OR LEAK PROCEDURES

Spill or Leak Procedures: Shut off all sources of ignition. Contain the spill and absorb with inert material. Place in waste container. Wash the spill site and ventilate the area.

Waste Disposal: Send to licensed reclaimer or to permitted incinerators. Check with local authorities.

Handling & Storage: Store in cool, dry place. Keep containers closed when not in use. Keep away from heat, sparks and open flame. Explosion proof equipment recommended.

Environmental Toxicology: N.E.

SECTION VIII – CONTROL MEASURES

Respiratory Protection: Use approved respirators if vapor or misting occurs or in insufficiently ventilated areas.

Ventilation: Provide good local ventilation where needed to keep emissions below the recommended exposure limits.

SECTION VIII – CONTROL MEASURES, continued

- Eye Protection: Use safety glasses. Where contact is likely, face shield or chemical goggles are recommended.
- Skin protection: Wear chemically resistant gloves, clothing and boots to minimize contact with skin.

SECTION IX – REGULATORY INFORMATION

All components of this product are listed on the TSCA inventory. This product contains 1,2 epoxybutane, t-butanol and acetonitrile which are subject to reporting requirements of SARA Section 313, title III.

- Proper Shipping Name: Adhesive
- Road Vehicle Transport: Flammable liquid.
- Product Label: Normac 900R-NPB
- UN Number: UN 1133
- Packaging Group: II
- Hazard Class: Cl. 3
- TDG:
(IATA and IMO) UN 1133 Cl. 3 P.G. II

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