

MATERIAL SAFETY DATA SHEET

Date Prepared: February 1, 2008

1. PRODUCT/COMPANY IDENTIFICATION

Product Name:
BONSAL® EPOXY HAZE REMOVER
ProSpec Epoxy Haze Remover

Product No:
500105

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

Manufacturer's Name & Address:
Bonsal American/an Oldcastle company
8201 Arrowridge Blvd
Charlotte, NC 28273

Telephone Number for Information:
704-525-1621

2. EMERGENCY AND FIRST AID

EMERGENCY INFORMATION:

Bonsal® Epoxy Haze Remover is a water-based liquid product. Inhalation may cause irritation to the moist mucous membranes of the nose, throat and upper respiratory system or may cause or may aggravate certain lung diseases or conditions.

EYES:

Immediately flush eye thoroughly with water. Continue flushing eye for at least 15 minutes, including under lids. Get medical attention if irritation occurs.

SKIN:

Wash skin with water and soap or a mild detergent. Seek medical treatment if irritation or inflammation develops.

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: This product is a liquid. Its major components are:

N-Disubstituted Carboxamide	75-95%	CAS # 872-50-4
n-Butoxy Propanol	< 10	CAS # 5131-66-8
Hydrogen Chloride	< 0.2	CAS # 7647-01-0

4. HAZARDOUS INGREDIENTS

COMPONENT	OSHA PEL (8-Hour TWA)	ACGIH TLV-TWA (1995-1996)	NIOSH REL (8-Hour TWA)
N-Disubstituted Carboxamide (CAS # 872-50-4)	N / E	100 ppm	
n-Butoxy Propanol (CAS # 5131-66-8)	N / E	N / E	
Hydrogen Chloride (CAS # 7647-01-0)	5 ppm	5 ppm	

5. HAZARD IDENTIFICATION

POTENTIAL HEALTH EFFECTS: NOTE: Potential health effects may vary depending upon the duration and degree of exposure. To reduce or eliminate health hazards associated with this product, use exposure controls or personal protection methods as described in Section 10.

EYE CONTACT: (Acute/Chronic) Eye contact by larger amounts or splashes of wet Epoxy Haze Remover may cause effects ranging from slight to moderate eye irritation.

SKIN CONTACT: (Acute) Exposure to Epoxy Haze Remover may cause drying of the skin with consequent mild irritation or more significant effects attributable to aggravation of other conditions. Discomfort or pain cannot be relied upon to alert a person to a hazardous skin exposure.

(Chronic) Epoxy Haze Remover coming in contact with the skin may cause skin irritation.

(Acute/Chronic) Some individuals may exhibit an allergic response upon exposure to Epoxy Haze Remover. The response may appear in a variety of forms ranging from a mild rash to severe irritation.

INHALATION: (Acute) Exposure to Epoxy Haze Remover may cause mild to moderate irritation to the moist mucous membranes of the nose, throat and upper respiratory system. Pre-existing upper respiratory and lung diseases may be aggravated by inhalation.

INGESTION: (Acute/Chronic) Internal discomfort or ill effects are possible if large quantities are swallowed.

CARCINOGENIC POTENTIAL: Epoxy Haze Remover is not recognized as a carcinogen by NTP, OSHA, or IARC.

6. ACCIDENTAL RELEASE MEASURES
(See Section 15 for Regulatory Information)

Contain material to prevent contamination of soil, surface water or ground water. Use dry clean-up methods that do not disperse dust into the air or entry into surface water. Material can be used if not contaminated. Place in an appropriate labeled container for disposal or use. Avoid inhalation of dust and contact with skin and eyes. Use exposure control and personal protection methods as described in Section 12.

7. PHYSICAL/CHEMICAL DATA

APPEARANCE/ODOR:	Straw colored / faint minty	PHYSICAL STATE:	Liquid
BOILING POINT:	395° F (186° C)	MELTING POINT:	Not applicable
VAPOR PRESSURE:	Not established	VAPOR DENSITY: (air = 1)	> 3.2
VOLATILE (% Vol.)	99%	SOLUBILITY IN WATER:	Miscible
SPECIFIC GRAVITY (H₂O = 1.0):	1.0-1.1	EVAPORATION RATE: (Butyl Acetate = 1)	> 1

8. FIRE AND EXPLOSION

FLASH POINT:	196° F (92° C)	LOWER EXPLOSIVE LIMIT:	1.3 %
AUTO IGNITION TEMPERATURE:	518° F (244° C)	UPPER EXPLOSIVE LIMIT:	9.5%
FLAMMABLE LIMITS	Not available	SPECIAL FIRE FIGHTING PROCEDURES:	Water spray may be used to cool closed containers to prevent pressure build-up when exposed to extreme heat. If water is used, fog apparatus and full protective clothing.
EXTINGUISHING MEDIA:	Use extinguishers appropriate for surrounding fire.	UNUSUAL FIRE AND EXPLOSION HAZARDS:	Can react with oxidizing materials.
HAZARDOUS COMBUSTION PRODUCTS:	None known.		

9. STABILITY AND REACTIVITY DATA

STABILITY:	Product is normally stable at ambient temperatures and pressures.
INCOMPATIBILITY (MATERIALS AND CONDITIONS TO AVOID):	Avoid contact with oxidizing materials.
HAZARDOUS DECOMPOSITION:	Oxides of carbon, nitrogen
HAZARDOUS POLYMERIZATION:	Will not occur.

10. PRECAUTIONS FOR HANDLING AND STORAGE

HANDLING AND STORAGE	Keep dry until used. Handle and store in a manner so that airborne dust does not exceed applicable exposure limits. Use adequate ventilation and dust collection. Use exposure control and personal protection methods as described in Section 10.
SPILLS:	Use dry clean-up methods that do not disperse dust into the air or entry into surface water. Material can be used if not contaminated. Place in an appropriate container for disposal or use. Avoid inhalation of dust and contact with skin and eyes. Use exposure control and personal protection methods as described in Section 10.

11. TOXICOLOGICAL INFORMATION

See Section 5 for Hazard Identification. No recognized unusual toxicity to plants and animals.

Conditions aggravated by exposure: Eye disease, Skin disorders and Chronic Respiratory conditions.

12. EXPOSURE CONTROLS/PERSONAL PROTECTION

RESPIRATORY PROTECTION:	Use local exhaust or general dilution ventilation. Minimize dispersal into the air. Avoid breathing vapors. If local or general ventilation is not adequate to control below applicable exposure limits or when causes irritation or discomfort, use MSHA/NIOSH approved respirators.
EYE PROTECTION:	Wear safety glasses with side shields or goggles to avoid contact with the eyes. Contact lenses should not be worn when handling this product.
SKIN PROTECTION:	Wear impervious alkali-resistant gloves, boots, long-sleeved shirt, long pants or other protective clothing to prevent skin contact. Promptly remove clothing dampened with Epoxy Haze Remover, and launder before re-use. If contact occurs, wash areas contacted by material with soap and water.

13. DISPOSAL CONSIDERATIONS

DISPOSAL:

DO NOT DUMP INTO ANY SEWERS, ON THE GROUND OR INTO ANY BODY OF WATER. All disposal methods must be in compliance with all Federal, State/ Provincial and local laws and regulations of unusable or contaminated materials. Regulations may vary in different locations. Waste characterizations and compliance with applicable laws are the responsibility solely of the waste generator. Dispose of packaging/containers according to local, state and federal regulations.

IF THIS MATERIAL AS PACKAGED, BECOMES A WASTE, IT DOES NOT MEET THE CRITERIA FOR A HAZARDOUS WASTE AS DEFINED BY THE ENVIRONMENTAL PROTECTION AGENCY UNDER THE AUTHORITY OF THE RESOURCE CONSERVATION AND RECOVER ACT (40CFR 261), DISPOSE OF IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS.

14. TRANSPORTATION DATA

Proper Shipping Name: Paint related material.

15. OTHER REGULATORY INFORMATION

Emergency Planning and Community Right-to Know (SARA Title III): Section 311/312 and 313:

This product contains a chemical or chemicals which are listed as hazardous substances under the SARA Title III Section 313 reporting requirements. n-Disubstituted Carboxamide (CAS # 872-50-4)

Status under TSCA (as of May 1997):

Substances in Epoxy Haze Remover are on the TSCA inventory list.

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.