

Technical Barrier Systems  
151 Randall Street  
Oakville, Ontario, Canada, L6J 1P5  
(905) 842-9488

PRODUCT : TBS EMBE Clear AU Sealer - 50

SECTION 01 : PRODUCT INFORMATION

Supplier Technical Barrier Systems Inc.  
Product Identifier  
TradeName TBS EMBE Clear AU Sealer - 50  
Prepared by  
Preparation Date 10-Feb-02  
Revision #  
CEPA Status All ingredients of this product are listed on the Domestic Substance List (DSL)  
Chemical Family  
Chemical Formula  
Chemical Name  
Material Use Coating  
Molecular Weight  
T.D.G. Classification Non Regulated  
WHMIS Classification

SECTION 02 : HAZARDOUS INGREDIENTS

HAZARDOUS INGREDIENTS, %, EXPOSURE LEVELS, C.A.S. #, LD/50, ROUTE, SPECIES, LC/50, ROUTE, SPECIES

Acrylic Polymer	16-18				
Propylene Glycol	5-6	29387-86-8	1900 mg/kg	Rat	Oral Acute
Dipropylene Glycol	6-7 TWA:100 Ceil:150PPM	34590948	5380 mg/kg	Rat	Acute
Monomethyl Ether	TWA:600 Ceil:900mg/m3		9510 mg/kg	Rabbit	Acute
Methyl-1-pyrrolidinone-2	1	872-50-4	3914 mg/kg	Rat	Oral/Acute
Ammonia	<0.2 25 PPM TWA	1336-21-6	350 mg/kg	Rat	Oral

SECTION 03 : PHYSICAL DATA

PHYSICAL STATE  
ODOUR/APPEARANCE ammoniac & glycoether, Clear, milky liquid  
ODOUR THRESHOLD N/A  
VAPOUR PRESSURE 0.84 of mm Hg  
VAPOUR DENSITY (AIR=1) (air=1): <1 water  
% VOLATILE:  
BY VOLUME  
BY WEIGHT  
EVAPORATION RATE <1 water VOC gr/liter: 185  
BOILING POINT 100 C-184C  
FREEZING POINT N/A  
pH 7.0 to 8.0  
SPECIFIC GRAVITY 1.02  
SOLUBILITY IN WATER (20C) dilutable % solids: 33  
COEFFICIENT WATER/OIL DIST.

SECTION 04 : FIRE & EXPLOSION DATA

FLAMMABILITY LEL:1.1% UEL:8.4%  
IF YES, UNDER WHAT CONDITIONS  
MEANS OF EXTINCTION Carbon Dioxide. Water Fog, Dry Chemical, and alcohol type or all purpose Foam  
SPECIAL PROCEDURES Wear self contained breathing apparatus and approved protective clothing  
FLASHPOINT AND METHOD 75 (PMCC)  
AUTO IGNITION TEMPERATURE 360 C  
T.D.G. FLAMMABILITY CLASS

UPPER EXPLOSION LIMIT

LOWER EXPLOSION LIMIT

IGNITABLE

Yes

EXPLOSION DATA

SENSITIVITY TO STATIC

DISCHARGE

SENSITIVITY TO IMPACT

RATE OF BURNING

EXPLOSIVE POWER

## SECTION 05 : REACTIVITY DATA

CHEMICAL STABILITY

STABLE?

X

CONDITIONS TO AVOID

COMPATIBILITY W/OTHER SUBSTANCES

YES

INCOMPATIBLE MATERIALS

Oxidizing Agents

REACTIVITY

Excessive heat, sparks, and open flames in the presence of oxidizing material

UNDER WHAT CIRCUMSTANCES

HAZARDOUS PRODUCTS OF

Oxides of carbon (co, co2)

DECOMPOSITION

## SECTION 06 : TOXICOLOGICAL PROPERTIES

ROUTE OF ENTRY

SKIN CONTACT

Irritant

SKIN ABSORPTION

Repeated contact may cause dermatitis in sensitive individuals

EYE CONTACT

Irritant

INHALATION

Nose and throat irritant

INGESTION

May cause headache, nausea, vomiting and possible blood toxic

EFFECTS OF ACUTE EXPOSURE

May cause eye and skin irritation, and sensitization

EFFECTS OF CHRONIC EXPOSURE

None known

LD 50 OF MATERIAL, SPECIES &amp; ROUTE

LC 50 OF MATERIAL, SPECIES &amp; ROUTE

EXPOSURE LIMIT OF MATERIAL

IRRITATION CAUSED BY MATERIAL

SENSITIZING CAPABILITY OF MATERIAL

CARCINOGENICITY OF MATERIAL

REPRODUCTIVE EFFECTS

SYNERGISTIC MATERIALS

## SECTION 07 : PREVENTIVE MATERIALS

PROTECTIVE EQUIPMENT

GLOVES/TYPE

Impervious gloves should be worn when handling this material

RESPIRATORY/TYPE

Use NIOSH approved respirator for organic vapors

EYE/TYPE

Splash proof chemical goggles

FOOTWEAR/TYPE

CLOTHING/TYPE

VENTILATION

Local and mechanical exhaust is recommended to minimize exposure

OTHER/TYPE

Barrier cream

ENGINEERING CONTROLS

SPILL/LEAK SPILL/LEAK

Avoid all personal contact. Take up with absorbent material. Flush area with water.

WASTE DISPOSAL, METHOD AND EQUIPMENT

In accordance with all Federal, Provincial, State, and local regulations

HANDLING PROCEDURES AND EQUIPMENT

Wash thoroughly after handling

STORAGE NEEDS

Store in a cool, dry, well ventilated area, away from heat and ignition sources

OTHER PRECAUTIONS

Avoid contact with eyes, skin or clothing. Avoid breathing vapor, mist, or spray

## SPECIAL SHIPPING INSTRUCTIONS

## SECTION 08 : FIRST AID MEASURES

EYE CONTACT

Immediately flush eyes with large amounts of water for at least 15 minutes.  
Get immediate attention.

SKIN CONTACT

Wash immediately with mild soap and warm water.

INGESTION

Do not induce vomiting. Obtain medical attention immediately.

INHALATION

Remove affected victim to fresh air. Administer oxygen if breathing is difficult.

NOTES TO PHYSICIAN

## SECTION 09 : PREPARATION INFORMATION

PHONE #

888-537-2888