

## SAFETY DATA SHEETS

**This SDS packet was issued with item:**

071096742

**The safety data sheets (SDS) in this packet apply to the individual products listed below. Please refer to invoice for specific item number(s).**

071096551 071096734 071096767 071096775 071096783 071096817

**SAFETY DATA SHEET**

**SECTION 1: IDENTIFICATION OF PRODUCT**

PRODUCT NAME: **DIE EPOXY RELEASE AGENT**

APPLICATION: SYNTHETIC SEPARATOR DISSOLVED IN SAFETY SOLVENT.

EMERGENCY CONTACT: **INFOTRAC: 1-352-323-3500, TOLL-FREE 1-800-535-5053**

**SECTION 2: HAZARDS IDENTIFICATION (CLASSIFICATION)**

WARNING: IRRITANT TO SKIN. CAUSES SERIOUS EYE IRRITATION. MAY CAUSE RESPIRATORY IRRITATION AND CNS DEPRESSION SYMPTOMS.



SECTION 2A: PHYSICAL HAZARDS

N/A

SECTION 2B: HEALTH HAZARDS

THRESHOLD LIMIT VALUE: OSHA PEL - NONE ESTABLISHED. 100 PPM SUGGESTED AS A GUIDE . ACGIH TWA 0.1 PPM SUGGESTED.

SKIN: H315: CAUSES SKIN IRRITATION. CATEGORY 2:

EYES: H319: CAUSES SERIOUS EYE IRRITATION. CATEGORY 2A:

INHALATION: H332: HARMFUL IF INHALED. CATEGORY 4. H335: MAY CAUSE RESPIRATORY IRRITATION. CATEGORY 3:  
H336: MAY CAUSE DROWSINESS OR DIZZINESS. CATEGORY 3

INGESTION: H302: HARMFUL IF SWALLOWED. CATEGORY 4:

CARCINOGENICITY: NO INGREDIENTS IDENTIFIED AS PROVEN HUMAN CARCINOGEN BY NTP, IARC, OR OSHA.

**SECTION 3: COMPOSITION / INGREDIENTS**

MIXTURE: ☒ Yes ☐ No

n-PROPYL BROMIDE SAFETY SOLVENT CAS # 106-94-5 > 90%. PROPRIETARY SILOXANES 1-5%.

**SECTION 4: FIRST AID MEASURES**

SKIN: P302+352: IF ON SKIN: WASH WITH PLENTY OF SOAP AND WATER.

P332+313: IF SKIN IRRITATION OCCURS: CONTACT A POISON CENTER OR DOCTOR/PHYSICIAN.

EYES: P305+351+338: IF IN EYES: RINSE CAUTIOUSLY WITH WATER FOR SEVERAL MINUTES. REMOVE CONTACT LENSES IF PRESENT AND EASY TO DO. CONTINUE RINSING. P337+313: IF EYE IRRITATION PERSISTS GET MEDICAL ADVICE/ATTENTION.

INHALATION: P304+340: IF INHALED: REMOVE VICTIM TO FRESH AIR AND KEEP AT REST IN A POSITION COMFORTABLE FOR BREATHING. P342+311: IF EXPERIENCING RESPIRATORY SYMPTOMS: CALL A POISON CENTER OR DOCTOR/PHYSICIAN.

INGESTION: P330 + 331: RINSE MOUTH. DO NOT INDUCE VOMITING. GIVE WATER TO DRINK. P301+310: IF SWALLOWED, CALL A POISON CENTER/PHYSICIAN.

**SECTION 5: FIREFIGHTING MEASURES**

FLASH POINT: N/A. NON-FLAMMABLE

FLAMMABLE LIMITS: N/A

FIRE EXTINGUISHING MEDIA: P370+378: IN CASE OF FIRE: USE ANY MEANS APPROPRIATE FOR ADJACENT COMBUSTIBLE MATERIALS.

SPECIAL FIRE FIGHTING PROCEDURES: P370+376: IN CASE OF FIRE: STOP LEAK IF SAFE TO DO SO. REMOVE

CONTAINERS FROM SOURCE OF HEAT AND COOL THEM.

UNUSUAL FIRE AND EXPLOSION HAZARD: WHEN HEATED TO DECOMPOSITION ON METAL SURFACES, EMITS TOXIC AND IRRITATING HALOGEN FUMES. CLOSED BOTTLES MAY RUPTURE IF EXPOSED TO EXTREME HEAT.

#### **SECTION 6: ACCIDENTAL RELEASE MEASURES**

PRECAUTIONS: N/A

PROCEDURES: VENTILATE THE AREA. ELIMINATE SOURCES OF IGNITION. AVOID EXCESSIVE BREATHING OF VAPOR

#### **SECTION 7: HANDLING AND STORAGE (LAB QUANTITIES)**

P102: KEEP OUT OF REACH OF CHILDREN. P402+404: STORE IN A DRY PLACE. STORE IN A CLOSED CONTAINER.  
P403+235+410: STORE IN A WELL VENTILATED PLACE. KEEP COOL. PROTECT FROM SUNLIGHT. FOR LABORATORY OR OFFICE USE ONLY. DO NOT MIX WITH OTHER MATERIALS UNLESS DIRECTED TO DO SO. NORMAL PRECAUTIONS OF LABORATORY GOOD HOUSEKEEPING PRACTICES SHOULD BE FOLLOWED.

#### **SECTION 8: EXPOSURE CONTROLS (PERSONAL PROTECTION)**

VENTILATION: LOCAL EXHAUST PREFERRED.

SKIN: P281: USE PERSONAL PROTECTIVE EQUIPMENT AS REQUIRED. NITRILE OR RUBBER IMPERMEABLE GLOVES.

EYES: P281: USE PERSONAL PROTECTIVE EQUIPMENT AS REQUIRED. SAFETY GLASSES OR GOGGLES. DO NOT WEAR CONTACT LENSES WHEN HANDLING CHEMICALS.

RESPIRATORY: NONE REQUIRED IN NORMAL USE.

OTHER: EYE WASH STATION.

#### **SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

APPEARANCE: CLEAR, COLORLESS, THIN, HEAVY LIQUID. CHARACTERISTIC ODOR.

PH OF SOLUTION: N.A.

MELTING POINT: N.A.

BOILING POINT: APPROXIMATELY 160° F

SPECIFIC GRAVITY: (H<sub>2</sub>O = 1) 1.35 @ 68° F

EVAPORATION RATE: (BUAC = 1) GREATER THAN 1.

VAPOR DENSITY: (AIR = 1) 4.3

PERCENT VOLATILE: GREATER THAN 90%

VAPOR PRESSURE: (MM.HG) 112 MM HG AT 68° F

WATER SOLUBILITY: NEGLIGIBLE

#### **SECTION 10: REACTIVITY DATA**

STABILITY: STABLE

CONDITIONS TO AVOID: VERY VOLATILE SOLVENT. AVOID HEAT. CONTACT WITH HEATED METAL SURFACES OR FIRE CAN LIBERATE IRRITATING OR TOXIC FUMES.

INCOMPATIBILITY (MATERIALS TO AVOID): CAUSTICS, CHEMICALLY ACTIVE METALS.

HAZARDOUS DECOMPOSITION PRODUCTS: THERMAL DECOMPOSITION EMITS IRRITATING OR TOXIC HALOGEN FUMES.

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR

REACTIVITY WITH WATER: N/A

#### **SECTION 11: TOXICOLOGICAL INFORMATION**

ACUTE EXPOSURE: SIGNS AND SYMPTOMS:

SKIN: PROLONGED OR REPEATED CONTACT CAN CAUSE IRRITATION, DEFATTING AND DERMATITIS. CONTACT WITH BROKEN OR ABRADED SKIN WILL CAUSE STINGING.

EYES: DIRECT CONTACT WILL CAUSE IRRITATION, REDNESS, TEARING AND BLURRY VISION.

INHALATION: EXCESSIVE INHALATION OF HIGH CONCENTRATIONS WILL CAUSE NOSE AND THROAT IRRITATION, DIZZINESS, WEAKNESS, FATIGUE, NAUSEA, HEADACHE.

INGESTION: CAN CAUSE GASTROINTESTINAL IRRITATION, CNS DEPRESSION.

CHRONIC EXPOSURE: N/A

SENSITIZER: N/A

CARCINOGENICITY: NO INGREDIENTS IDENTIFIED AS CARCINOGEN OR POTENTIAL CARCINOGEN BY NTP, IARC, OR

OSHA

TERATOGENICITY: N/A

EMBRYOTOXICITY: MAY DAMAGE FERTILITY OR UNBORN FETUS (ANIMAL STUDIES)

MUTAGENICITY: N/A

PRE-EXISTING CONDITIONS: N/A

#### **SECTION 12: ECOLOGICAL INFORMATION**

ECOTOXICITY: LAB QUANTITIES ARE NOT EXPECTED TO BE SIGNIFICANT.

DEGRADABILITY: LAB QUANTITIES ARE NOT EXPECTED TO BE SIGNIFICANT. ALL COMPONENTS ARE VOLATILE.

BIOACCUMULATION: NOT EXPECTED TO BIO-ACCUMULATE.

MOBILITY IN SOIL: LAB QUANTITIES ARE NOT EXPECTED TO BE SIGNIFICANT. ALL COMPONENTS ARE VOLATILE.

#### **SECTION 13: DISPOSAL INFORMATION**

TRANSFER TO HOOD FOR EVAPORATION OR DISPOSE OF IN CLOSED METAL CHEMICAL WASTE CAN. WHEN ABSORBANT IS DRY, IN REGULAR TRASH. INDUSTRIAL QUANTITIES IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS.

#### **SECTION 14: TRANSPORT INFORMATION**

UN NUMBER: N/A

SHIPPING NAME: N/A

CLASS: N/A

PACKING GROUP: N/A

MARINE POLLUTANT: N/A

WARNING SYMBOL: IRRITANT.

OTHER: THE MATERIAL, IN LAB QUANTITIES, IS NOT REGULATED AS A HAZARD IN TRANSPORTATION BY THE US DOT.

#### **SECTION 15: REGULATORY INFORMATION**

LABELING: IRRITANT PICTOGRAM.

NFPA RATINGS: HEALTH HAZARD: 1 FIRE & EXPLOSION: 0 REACTIVITY: 0 SPECIAL PROTECTION: B

NATIONAL REGULATIONS:

TSCA: ALL COMPONENTS ARE ON THE USA TSCA INVENTORY LIST.

SARA: SARA SECTION 302: EXTREMELY HAZARDOUS SUBSTANCES: NONE LISTED.

SARA SECTION 313: N/A.

INAPPLICABLE: SNUR LISTING: NO COMPONENTS ARE SUBJECT TO TSCA SNUR RULE LISTING.

FOREIGN REGULATIONS:

ALL COMPONENTS ARE ON THE EU EINECS INVENTORY LIST AND THE CANADIAN DSL.

#### **SECTION 16: OTHER INFORMATION**

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**SALES INFORMATION: 1-800-558-5925 (8 AM TO 6 PM EST, MONDAY TO FRIDAY)**

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Information Furnished By:

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Product Development Mgr.

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