

MATERIAL SAFETY DATA SHEET

6-1-04

PART NUMBER: 8411 HMIS CODES H F R
PRODUCT NAME: INTER-MIX 15 NON-SAG SEAM SEALER 2 1 0
CHEMICAL FAMILY: EPOXY ADHESIVE/SEALER

===== SECTION I - MANUFACTURER IDENTIFICATION =====

MANUFACTURER'S NAME: INTERNATIONAL EPOXIES & SEALERS
 30241 COMMERCE DR.
 SAN ANTONIO, FL 33576
EMERGENCY PHONE : 800-535-5053 (INFOTRAC)
INFORMATION PHONE : 800-451-7206 **NAME OF PREPARER :** SRB

===== SECTION II - HAZARDOUS INGREDIENTS =====

REPORTABLE COMPONENTS	CAS NUMBER	Vapor Pressure		WT. %
		mm Hg	@ TEMP	
PROPRIETARY MERCAPTAN POLYMER OSHA PEL: N/E, ACGIH TLV: NE, OTHER NE LD50: 2.6G/KG:RAT-ORL	TRADE SECRET	N/D	N/A	35-45
SILICA DIOXIDE OSHA PEL: 6 MG/M3, ACGIH TLV: 10 MG/M3 OTHER: N.E., LD50: >10,000 MG/KG: RAT-ORL LD50: >5000 MG/KG (RABBIT) DERMAL	112945-52-5		N/A	3-8
REACTION PRODUCT OF EPICHLOROHYDRIN-BISPHENOL A OSHA PEL: N/E, ACGIH TLV: N/E, OTHER: N/E LD50: NA, LC50: N/A	25085-99-8		N/A	35-50
BISPHENOL A MODIFIED EPOXY RESIN OSHA PEL: N/E, ACGIH TLV: N/E, OTHER: N/E LD50: >4 G/KG:RAT-ORL, LD50: >2 G/KG RAB-DER	TRADE SECRET		N/A	1-10
2,4,6-TRI (DIMETHYLAMINOMETHYL) PHENOL OSHA PEL: N/E, ACGIH TLV: N/E, OTHER: N/E LD50: 1670 MG/KG:RAT-ORL, LC50: N/E LD50: 1242 MG/KG (RABBIT)DERMAL	90-72-2	<0.01	70F	3-10
CARBON BLACK OSHA PEL: 3.5 MG/M3, ACGH TLV: N/E, OTHER N/E LD50: NA, LC50: N/A	1333-86-4	N/D	N/A	0-1
TITANIUM DIOXIDE OSHA PEL: 15MG/M3, ACGH TLV: 10 MG/M3 OTHER: N/E, LD50: >25 G/KG: RAT-ORL LC50: 6.82 MG/L (4 HR):RAT-INH	13463-67-7		N/A	0-1
POLYHYDROXYCARBOXYLIC ACID AMIDES SOLUTION OSHA PEL: 100 PPM, ACGIH TLV: 100PPM, OTHER: N/E. LD50: >2500 MG/KG: RAT-ORL	TRADE SECRET	5mm	70F	0-2

===== SECTION III - PHYSICAL / CHEMICAL CHARACTERISTICS =====

BOILING RANGE: N/A SPECIFIC GRAVITY (H2O=1) :1.18
 VAPOR DENSITY: NOT DETERMINED
 EVAPORATION RATE: NOT DETERMINED
 MATERIAL V.O.C.: NEGLIGIBLE
 SOLUBILITY IN WATER: INSOLUBLE
 APPEARANCE AND ODOR: GRAY PASTE, MERCAPTAN ORDOR
 VAPOR PRESSURE: N/A ph: N/A
 COEFFICIENT OF WATER/OIL DIST: N/A ODOR THRESHOLD: N/A

===== **SECTION IV - FIRE AND EXPLOSION HAZARD DATA** =====

FLASH POINT: >200 DEG F
FLAMMABLE LIMITS IN AIR BY VOLUME - LOWER: N/A
EXTINGUISHING MEDIA: FOAM, CO2, DRY CHEMICAL, WATER FOG
SPECIAL FIREFIGHTING PROCEDURES IN LARGE FIRE: SELF CONTAINED BREATHING APPARTUS

METHOD USED: N/A
UPPER: N/A
UNUSUAL FIRE AND EXPLOSION HAZARDS: NONE
FLAMMABILITY - T.D.G.R. CLASS: N/A
SENSITIVITY TO IMPACT: N/A
SENSITIVITY TO STATIC DISCHARGE: N/A

===== **SECTION V - REACTIVITY DATA** =====

STABILITY: STABLE
INCOMPATIBILITY (MATERIALS TO AVOID): ACIDS, AMINES, MERCAPTAN, STRONG OXIDANTS
HAZARDOUS DECOMPOSITION PRODUCTS: HES, AMINES, CO, CO2, H2S, SO2, NO2
HAZARDOUS POLYMERIZATION: WILL NOT OCCUR

===== **SECTION VI - HEALTH HAZARD DATA** =====

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:
MAY RESULT IN IRRITATION OF THE NOSE, THROAT AND RESPIRATORY TRACT.

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE:
SKIN: SLIGHTLY IRRITATING, NOT A SENSITIZER. EYE: MILDLY IRRITATING.
SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE: REDNESS

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:
NO TOXICITY DATA IS FOUND, BUT MAY CAUSE IRRITATION OF THE MOUTH AND THROAT,
ESOPHAGUS AND GASTROINTESTINAL SYSTEM.

HEALTH HAZARDS (ACUTE AND CHRONIC)
EYES: REDNESS, TEARING. SKIN: MODERATE IRRITATION. BREATHING: NASAL AND RESPIRATORY IRRITATION. INGESTION: NAUSEA GASTROINTESTINAL IRRITATION.
CARCINOGENICITY: N/A
NTP CARCINOGEN: NO IARC MONOGRAPHS: NO OSHA REGULATED: YES
TERATOGENICITY: N/A
MUTAGENICITY: N/A
TOXICOLOGICALLY SYNERGISTIC PRODUCTS: N/A

EMERGENCY AND FIRST AID PROCEDURES:
EYES: IMMEDIATELY FLUSH WITH PLENTY OF WATER FOR 15 MINUTES AND CALL PHYSICIAN.
SKIN: WASH THOROUGHLY WITH PLENTY OF WATER AND SOAP.
INHALATION: IF AFFECTED, REMOVE TO FRESH AIR. IF NECESSARY GIVE ARTIFICIAL RESPIRATION. KEEP VICTIM QUIET AND WARM. CALL A PHYSICIAN IMMEDIATELY.
INGESTION: SEEK PHYSICIAN IMMEDIATELY. SHOW MSDS OR LABEL. SEEK MEDICAL ADVICE REGARDING INDUCTION OF VOMITING.

N/A = NOT AVAILABLE N/D = NOT DETERMINED N/E = NOT ESTABLISHED

MATERIAL SAFETY DATA SHEET

6-1-04

===== SECTION VII - SPILL OR LEAK PROCEDURES =====

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:

SOAK UP WITH ABSORBENT MATERIAL AND PLACE IN A LABELED WASTE CONTAINER FOR DISPOSAL.

WASTE DISPOSAL METHOD:

DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE, AND FEDERAL REGULATIONS, DO NOT CONTAMINATE LAKES, STREAMS, OR OTHER WATER SUPPLY.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:

STORE IN A COOL, DRY, WELL VENTILATED AREAS, KEEP CLOSURE TIGHT TO PREVENT LEAKAGE. PREVENT SKIN AND EYE CONTACT BY USING IMPERVIOUS CLOTHING, SELECTED WITH REGARD FOR EXPOSURE POTENTIAL.

===== SECTION VIII-SAFE HANDLING AND PROTECTION INFORMATION =====

RESPIRATORY PROTECTION: USE ONLY IN WELL VENTILATED AREAS.

VENTILATION-LOCAL: RECOMMENDED SPECIAL: KEEP AWAY FROM HEAT/FLAME.

MECHANICAL: REQUIRED OTHER: N/A

PROTECTIVE GLOVES: SOLVENT RESISTANT EYE PROTECTION: GOGGLES

OTHER PROTECTIVE EQUIPMENT:

IF VENTILATION IS INADEQUATE, WEAR APPROVED RESPIRATORY EQUIPMENT

WEAR SUITABLE PROTECTIVE CLOTHING, GLOVES, AND EYE/FACE PROTECTION.

SENSITIZATION: YES POSSIBLE SKIN.

IRRITANT: YES EYES & SKIN

SYNERGISTIC AGENTS: NO

OTHER PRECAUTIONS:

KEEP OUT OF REACH OF CHILDREN. KEEP ONLY IN ORIGINAL LABELED CONTAINERS. ALWAYS READ AND FOLLOW DIRECTIONS ON PRODUCT LABEL OR DATA SHEET. ADDITIONAL TECHNICAL DATA SHEETS AND/OR MATERIAL SAFETY DATA SHEETS (MSDS) ARE AVAILABLE UPON REQUEST.

===== SECTION IX:- REGULATORY INFORMATION =====

STATE REGULATIONS:

CALIFORNIA SAFE DRINKING WATER AND TOXIC ENFORCEMENT ACT OF 1986 - PROPOSITION 65

WARNING: THIS PRODUCT CONTAINS A CHEMICAL(S) KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER AND BIRTH DEFECTS OR OTHER REPRODUCTIVE HARM.

CALIFORNIA PROPOSITION 65: MAY CONTAIN TRACE AMOUNTS OF PHENYL GLYCIDYL ETHER (CAS# 122-60-1), MAY CONTAIN TRACE AMOUNTS OF BENZENE (CAS# 71-43-2) AND TOLUENE (CAS# 108-88-3).

OTHER REGULATIONS:

SARA SECTION 311/312: DELAYED (CHRONIC) HEALTH HAZARD.

===== SECTION X - DISCLAIMER =====

THE INFORMATION AND RECOMMENDATIONS PROVIDED HEREIN ARE BELIEVED TO BE ACCURATE AS OF THE DATE HEREOF. HOWEVER, SUCH INFORMATION AND RECOMMENDATIONS ARE PROVIDED WITHOUT WARRANTY OF ANY KIND AND INTERNATIONAL EPOXIES & SEALERS DISCLAIMS ANY AND ALL LIABILITY OR LEGAL RESPONSIBILITY OR USE OR RELIANCE UPON SAME.