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A.S.T-XPAND™

EXPANDING FOAM SEALANT

STOCK # ('S): 17251

MATERIAL SAFETY DATA SHEET

Section 1- Chemical Product and Company Identification

Manufacture: Anti-Seize Technology
 2345 N. 17th Ave.
 Franklin Park, IL 60131

Phone: 847-455-2300

Emergency Phone, 24 hr: Infotrac @ 1-800-535-5053 or 352-323-3500

Section 2-Composition/ Information on Ingredients

	CAS #	OSHA PEL,	TLV	SARA III	PROP 65,	PERCENT
CHLORODIFLUOROMETHANE	74-97-5	1000ppm	SAME	YES	NO	10 - 30
4'4'-DIPHENYLMETHANE DIISOCYANATE (MDI)	101-68-8	0.005ppm	SAME	YES	NO	5 - 15
HIGHER OLIGOMERS OF MDI NON HAZARDOUS	9016-87-9	NOT ESTABLISHED		NO	NO	5 - 15 40 - 70

Section 3- Hazard Identification

ROUTES OF ENTRY: SKIN EYES INHALATION INGESTION

HEALTH HAZARDS: WARNING: CONTENT UNDER PRESSURE. READ THE WARNING LABELS ON THE CAN FOR ADDITIONAL INFORMATION.

THE PRODUCT IS VERY TACKY BEFORE CURING. CERTAIN INDIVIDUALS MY FIND THE PRODUCT SLIGHTLY IRRITATING BEFORE THE PRODUCT CURES.

THIS PRODUCT IS NOT EXPECTED TO CAUSE AN ACUTE HEALTH RISK WHEN USED UNDER NORMAL CONDITIONS. AVOID PROLONGED OR REPEATED SKIN CONTACT. USE WITH ADEQUATE VENTILATION OR LOCAL EXHAUST TO MAINTAIN THE AIR QUALITY.

Section 4 – First Aid Measures

SKIN: WASH WITH SOAP AND WATER, USING A NAIL BRUSH. PAY PARTICULAR ATTENTION TO FINGER NAILS AND OPEN WOUNDS. IN AN UNCURED STATE A SOLVENT SUCH AS ACETONE OR MINERAL SPIRITS MAY BE USED TO REMOVE THE UNCURED COMPOUND.

EYES: FLUSH EYE WITH WATER FOR 15 MINUTES, LIFTING THE EYELIDS. IF IRRITATION PERSISTS CONSULT A PHYSICIAN.

INGESTION: NOT A LIKELY ROUTE OF EXPOSURE, DO NOT INDUCE VOMITING. USE A GASTRIC LAVAGE, AND CALL A POISON CONTROL CENTER OR A PHYSICIAN.

INHALATION: THE SOLVENTS AND/OR PROPELLANTS IN THIS PRODUCT MAY AFFECT THE RESPIRATORY TRACT OR CENTRAL NERVOUS SYSTEM. AVOID OVEREXPOSURE. DIZZINESS OR RESPIRATORY IRRITATION ARE SIGNS OF OVEREXPOSURE. SEEK FRESH AIR. OR FOLLOW OTHER STANDARD MEDICAL PRACTICES.

CHEMICAL ('S) LISTED AS CARCINOGENS

NPT ? : NO I.A.R.C. ? : NO OSHA ? : NO

Section 5 – Fire Fighting Measures

FLAMMABILITY: FLAMMABLE BEFORE CURING

FLAMMABLE LIMITS: LEL: NO DATA UEL: NO DATA

EXTINGUISHING MEDIA: FOAM, CO2, DRY CHEMICAL

SPECIAL FIRE FIGHTING PROCEDURES: CANS MAY RUPTURE, BURST OR EXPLODE IN A FIRE. USE EXTREME CAUTION. WATER MAY BE INEFFECTIVE BUT CAN BE USED TO COOL CONTAINERS TO PREVENT PRESSURE BUILD UP. WEAR GOGGLES AND A SELF CONTAINED BREATHING APPARATUS.

UNUSUAL FIRE AND EXPLOSION HAZARDS: CANS MAY RUPTURE OR BURST, RELEASING THEIR CONTENTS. VAPOR ACCUMULATION CAN FLASH OR EXPLODE IF IGNITED. OVEREXPOSURE TO DECOMPOSITION PRODUCTS MAY CAUSE A HEALTH HAZARD.

Section 6 – Accidental Release Measures

SPILL/ LEAKAGE PROCEDURES: AVOID BREATHING VAPORS. VENTILATE AREA AND REMOVE ALL SOURCES OF IGNITION. CLEAN UP AREA WITH ABSORBENT MATERIAL AND PLACE IN A CLOSE CONTAINER FOR DISPOSAL.

Section 7 – Handling and Storage

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: STORE IN A COOL, WELL VENTILATED AREA. DO NOT STORE ABOVE 120 F.

OTHER PRECAUTIONS: DO NOT TAMPER WITH VALVE. DO NOT PUNCTURE, DO NOT SPAY IN EYES OR INGEST, READ THE PRODUCT LABEL FOR ADDITIONAL INFORMATION. KEEP AWAY FROM CHILDREN.

Section 8 – Exposure Controls / Personal Protection

RESPIRATORY PROTECTION: NORMALLY NOT REQUIRED. AVOID BREATHING VAPORS. IN RESTRICTED AREAS, USE A LOCAL EXHAUST TO REMOVE VAPORS, AND MAINTAIN AIR QUALITY. IF TLV'S ARE ABOVE ACCEPTABLE LIMITS USE A SELF CONTAINED BREATHING APPARATUS.

PROTECTIVE GLOVES: NORMALLY NOT REQUIRED BUT RECOMMENDED.

EYE PROTECTION: SAFETY GLASSES WITH SIDE SPLASH SHIELDS ARE RECOMMENDED.

WORK/HYGIENIC PRACTICES: USE GOOD STANDARD PRACTICES WHEN USING THIS MATERIAL. DO NOT EAT OR SMOKE WHILE USING, AND THOROUGHLY WASH WITH SOAP AND WATER, USING A NAIL BRUSH AFTER USING.

Section 9 – Physical and Chemical Properties

RESPIRATORY PROTECTION: NORMALLY NOT REQUIRED. AVOID BREATHING VAPORS. IN RESTRICTED AREAS, USE A LOCAL EXHAUST TO REMOVE VAPORS, AND MAINTAIN AIR QUALITY. IF TLV'S ARE ABOVE ACCEPTABLE LIMITS USE A SELF CONTAINED BREATHING APPARATUS.

PROTECTIVE GLOVES: NORMALLY NOT REQUIRED

EYE PROTECTION: SAFETY GLASSES WITH SIDE SPLASH SHIELDS ARE RECOMMENDED.

WORK/HYGIENIC PRACTICES: USE GOOD STANDARD PRACTICES WHEN USING THIS MATERIAL. DO NOT EAT OR SMOKE WHILE USING, AND THOROUGHLY WASH WITH SOAP AND WATER, USING A NAIL BRUSH AFTER USING.

Section 10 – Stability and Reactivity

BOILING POINT: > 200 F

MELTING POINT: DOES NOT APPLY

VAPOR DENSITY (AIR = 1): NO DATA

EVAPORATION RATE (BUTYL ACETATE = 1): < 1

APPEARANCE AND ODOR: YELLOW COLORED EXPANDING FOAM

SOLUBILITY IN WATER: NIL

REACTIVITY IN WATER: NONE

SPECIFIC GRAVITY: 1.2

Section 11 – Toxicological Information

SEE SECTION 2 FOR ADDITIONAL INFORMATION AND EXPOSURE LIMITS

Section 12 – Ecological Information

NO ADDITIONAL INFORMATION IS AVAILABLE. THIS PRODUCT IS NOT EXPECTED TO BIOACCUMULATE.

Section 13 – Disposal Consideration

WASTE DISPOSAL: DISPOSE OF IN A RESPONSIBLE MANNER. FOLLOW LOCAL, STATE AND FEDERAL GUIDELINES. DO NOT DISCHARGE INTO SEWERS OR WATERWAYS. INCINERATION IS THE PREFERRED METHOD OF DISPOSAL, ALTHOUGH IT MAY BE LANDFILLED AT AN APPROVED FACILITY.

Section 14- Transport Information

SHIPMENT BY LAND: CONSUMER COMMODITY, ORM-D

SHIPMENT BY WATER: AEROSOL, 2, UN 1950, LTD QTY

SHIPMENT BY AIR: AEROSOLS, FLAMMABLE, 2.1, UN 1950, LTD QT.

PACKAGING INSTRUCTION Y203 APPLIES TO THESE SHIPMENTS

WHMIS Classification: NOT REGULATED

Hazard Class: COMBUSTIBLE, AEROSOL

Section 15 – Regulatory Information

CALIFORNIA PROPOSITION 65: NO

OZONE DEPLETING SUBSTANCES: NONE
ORM-D, UN 1950

SARA TITLE III: YES

CERCLA: NO

RCRA: NO

DOT SHIPPING CLASS: CONSUMER COMMODITY,

TASCA INVENTORY: ALL INGREDIENTS LISTED

N.F.P.A. RATING: H-2, F-1, R-0

Section 16 – Other Information:

THE INFORMATION CONTAINED HEREIN IS BASED ON DATA CONSIDERED ACCURATE, HOWEVER, NO WARRANTY IS EXPRESSED OR IMPLIED REGARDING THE ACCURACY OF THE DATA OR THE RESULTS OBTAINED FROM THE USE OF HIS PRODUCT. THEREFORE, BECAUSE THE PRODUCT MAY BE USED UNDER CONDITIONS BEYOND OUR CONTROL, WE ASSUME NO LIABILITY FOR IT'S USE.

DATE: 01/19/2009

AST X-PAND, ISO 16 PART MSDS