



ANTI-SEIZE TECHNOLOGY
A.S.T. Industries, Inc.

H.M.I.S.	
H -	1
F -	1
R -	0
P.P.	

AST-SEAL™ P/H

Pneumatic / Hydraulic

STOCK # ('S): 22544 ; 22545; 22546

MATERIAL SAFETY DATA SHEET

SECTION I - PRODUCT IDENTIFICATION

MANUFACTURE: ANTI-SEIZE TECHNOLOGY
2345 N. 17th. Ave.
FRANKLIN PARK, IL. 60131

TELEPHONE #: 847-455-2300

24 HOUR EMERGENCY #: INFOTRAC, 1-800-535-5053

SECTION II - COMPOSITION

	CAS #	OSHA PEL, TLV	SARA III	PROP 65, TASC	PERCENT
POLYGLYCOL DIOCTANOATE	18268-70-7	NOT ESTABLISHED	NO	NO YES	40 -50
POLYGLYCOL DIMETHACRYLATE	25852-47-5	NOT ESTABLISHED	NO	NO YES	20 - 30
HYDROXY ALKYL METHACRYLATE	868-77-9	NOT ESTABLISHED	NO	NO YES	20 - 30
CUMENE HYDROPEROXIDE	80-15-9	5mg/m3 SAME	NO	NO YES	3 - 5
SACCHARIN	81-07-2	1mg/m3 SAME	NO	YES YES	0.1-0.9
NN DI ALKYLTOUIDINES	613-48-9	NOT ESTABLISHED	NO	NO YES	1 TO 5
SILICA, AMORPHOUS, CRYSTALLINE FREE	112945-52-5	10 mg/m3	NO	NO YES	0.1 TO 1

SECTION III - PHYSICAL PROPERTIES

BOILING POINT: > 300 F.
MELTING POINT: does not apply
VAPOR PRESSURE: .< 5 mm @ 27 C.
EVAPORATION RATE: 0

APPEARANCE AND ODOR: BROWN COLOR MILD ODOR.

SOLUBILITY IN WATER: nil
REACTIVITY IN WATER: none
SPECIFIC GRAVITY: 1.02
PERCENT VOLATILE: 31.5

SECTION IV - FIRE AND EXPLOSION DATA

FLASH POINT AND METHOD USED: > 200 F T.C.C.

FLAMMABLE LIMITS: LEL: NO DATA. UEL: NO DATA.

EXTINGUISHING MEDIA: FOAM, CO2, DRY CHEMICAL

SPECIAL FIRE FIGHTING PROCEDURES: . WATER FOG MAY BE USED TO COOL THE CONTAINERS BUT . WEAR A " N.I.O.S.H." APPROVED ORGANIC VAPOR RESPIRATOR.

UNUSUAL FIRE AND EXPLOSION HAZARDS: DENSE SMOKE AND NOXIOUS OR TOXIC FUMES MAY BE GENERATED IN A FIRE. FIRE FIGHTERS SHOULD WEAR A SELF CONTAINED BREATHING APPARATUS.

SECTION V- PHYSICAL HAZARDS

STABILITY: (X) STABLE () UNSTABLE

INCOMPATIBILITY ,(MATERIALS TO AVOID): NONE KNOWN.

HAZARDOUS DECOMPOSITION PRODUCTS: THE THERMAL DECOMPOSITION PRODUCTS ARE HIGHLY DEPENDENT UPON THE COMBUSTION CONDITIONS. NOXIOUS OR TOXIC FUMES MAY BE GENERATED, SOME OF WHICH MAY BE TOXIC OR IRRITATING.

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR. **NOTE:** DO NOT GRIND METALS IN A CLOSE PROXIMITY TO AN OPEN CONTAINER OF THIS THIS PRODUCT. METAL SHAVINGS WILL CAUSE THE COMPOUND TO CURE.

SECTION VI - HEALTH HAZARDS AND FIRST AID

ROUTES OF ENTRY: SKIN EYES INHALATION INGESTION

EMERGENCY FIRST AID PROCEDURES

SKIN: WASH WITH SOAP AND WATER, USING A NAIL BRUSH . PAY PARTICULAR ATTENTION TO FINGER NAILS AND OPEN WOUNDS.

EYES: THIS PRODUCT COULD CAUSE SOME IRRITATION IF GOTTEN INTO THE EYES. FLUSH EYE WITH WATER FOR 15 MINUTES, LIFTING THE EYELIDS. IF IRRITATION PERSISTS CONSULT A PHYSICIAN.

INGESTION: DO NOT INDUCE VOMITING. IF INGESTED THIS PRODUCT IS NOT EXPECTED TO CAUSE AN ACUTE REACTION. USE A GASTRIC LAVAGE, AND CALL A POISON CONTROL CENTER OR A PHYSICIAN.

INHALATION: NOT LIKELY UNDER NORMAL CONDITIONS OF USE, USE A LOCAL EXHAUST TO REMOVE FUMES. IF DIZZINESS OR IRRITATION OCCURS, SEEK FRESH AIR.

CHEMICAL ('S) LISTED AS CARCINOGENS; SACCHARIN,

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

NOTE: LOW LEVELS OF SACCHARIN ARE CONTAINED IN THE PRODUCT, WHICH WOULD BE CONSIDERED AN "ACCEPTABLE RISK"

SECTION VII - SPECIAL PRECAUTIONS AND SPILL PROCEDURES

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: STORE IN CLOSED CONTAINERS AWAY FROM INTENSE HEAT OPEN FLAMES OR GRINDING AND WELDING AREAS. .

OTHER PRECAUTIONS: DO NOT TRANSFER TO UNMARKED CONTAINERS. KEEP AWAY FROM CHILDREN.

SPILL/ LEAKAGE PROCEDURES: USE AN OIL ABSORBENT MATERIAL AND DISPOSE OF PROPERLY.

WASTE DISPOSAL: DISPOSE OF IN A RESPONSIBLE MANNER. FOLLOW LOCAL, STATE AND FEDERAL GUIDELINES. . INCINERATION IS THE PREFERRED METHOD OF DISPOSAL.

SECTION VIII - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION: NORMALLY NOT REQUIRED.

PROTECTIVE GLOVES: NORMALLY NOT REQUIRED UNLESS PROLONGED OR REPEATED SKIN CONTACT IS EXPECTED, THEN USE A LATEX OR NEOPRENE GLOVES.

EYE PROTECTION: SAFETY GLASSES 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 IX - REGULATORY INFORMATION

CALIFORNIA PROPOSITION 65: NO

OZONE DEPLETING SUBSTANCES: NONE

SARA TITLE III : NO

CERCLA: SACCHRIN

RCRA: NO

DOT SHIPPING CLASS: NOT HAZARDOUS

TASCA INVENTORY : ALL INGREDIENTS LISTED

NFPA RATING: H-1,F-0 ,R-0

SECTION X - DISCLAIMER

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 THIS PRODUCT. THEREFORE, BECAUSE THE PRODUCT MAY BE USED UNDER CONDITIONS BEYOND OUR CONTROL, WE ASSUME NO LIABILITY FOR IT'S USE.

DATE PREPARED: 4/15/02

AST-SEAL PH Pneumatic Hydraulic