



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

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

AST-SEAL™ P/H

Pneumatic / Hydraulic

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

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,	TASCA	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 ALKYL TOLUIDINES	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 3- Hazard Identification

ROUTES OF ENTRY: SKIN EYES INHALATION INGESTION

Section 4 – First Aid Measures

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 5 – Fire Fighting Measures

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. 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 6 – Accidental Release Measures

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

Section 7 – Handling and Storage

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.

Section 8 – Exposure Controls / Personal Protection

RESPIRATORY PROTECTION: NORMALLY NOT REQUIRED.

PROTECTIVE GLOVES: NORMALLY NOT REQUIRED UNLESS PROLONGED OR REPEATED SKIN CONTACT IS EXPECTED, AND THEN USE 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 AFTER USING.

Section 9 – Physical and Chemical 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 10 – Stability and Reactivity

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 PRODUCT. METAL SHAVINGS WILL CAUSE THE COMPOUND TO CURE.

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: NOT REGULATED

SHIPMENT BY WATER: NOT REGULATED

SHIPMENT BY AIR: NOT REGULATED

WHMIS: NOT REGULATED

Section 15 – Regulatory Information

CALIFORNIA PROPOSITION 65: NO

OZONE DEPLETING SUBSTANCES: NONE

SARA TITLE III: NO

CERCLA: SACCHARIN

RCRA: NO

DOT SHIPPING CLASS: NOT HAZARDOUS

TASCA INVENTORY: ALL INGREDIENTS LISTED

NFPA RATING: H-1, F-0, 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 ITS USE.

DATE: 01/15/2009

AST SEAL PNEUMATIC HYDRAULIC, 16 PART ISO MSDS