



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

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

PURE WHITE™ (FOOD GRADE) ANTI-SEIZE COMPOUND WITH PTFE

STOCK # ('S): 31003, 31008, 31014, 31018, 31025, 31030, 31050, 31130, 31425

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
ALUMINUM COMPLEX SOAP						
WHITE MINERAL OIL, USP (AS MIST)	8042-47-5	5mg/m3	5mg/m3	NO	NO	70 - 90
ZINC OXIDE	1314-13-2	10mg/m3	10mg/m3	YES	NO	4 - 8
POLYTETRAFLUOROETHANE	9002-84-0	15mg/m3	15mg/m3	NO	NO	1 - 5

Section 3- Hazard Identification

ROUTES OF ENTRY: SKIN EYES INHALATION INGESTION

HEALTH HAZARDS: THIS PRODUCT IS PRACTICALLY NON- TOXIC AND NON- IRRITATING. HOWEVER "PTFE" CAN EMIT A SMALL AMOUNT OF TOXIC FUMES IF THE SERVICE TEMPERATURE EXCEEDS 700 F. WHEN USING IN HIGH TEMPERATURE SERVICES, THE THERMAL DECOMPOSITION PRODUCTS MAY BE IRRITATING TO THE RESPIRATORY TRACT. IT IS ADVISABLE TO USE THIS PRODUCT WITH ADEQUATE VENTILATION UNDER THESE CONDITIONS.

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 MECHANICAL IRRITATION IF GOTTEN INTO THE EYES AND RUBBED. FLUSH EYE WITH WATER FOR 15 MINUTES, LIFTING THE EYELIDS. IF IRRITATION PERSISTS CONSULT A PHYSICIAN.

INGESTION: IF INGESTED THIS PRODUCT IS NOT EXPECTED TO CAUSE AN ACUTE REACTION. THIS PRODUCT CONTAINS PETROLEUM OIL; DO NOT INDUCE VOMITING, BECAUSE THE OIL MAY BE ASPIRATED INTO THE LUNGS. USE A GASTRIC LAVAGE, AND CALL A POISON CONTROL CENTER OR A PHYSICIAN.

INHALATION: NOT LIKELY UNDER NORMAL CONDITIONS OF USE. IF USING IN HIGH TEMPERATURE APPLICATIONS WHERE THERMAL DECOMPOSITION IS LIKELY, USE A LOCAL EXHAUST TO REMOVE FUMES. IF DIZZINESS OR IRRITATION OCCURS, SEEK FRESH AIR.

CHEMICAL ('S) LISTED AS CARCINOGENS

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

Section 5 – Fire Fighting Measures

FLASH POINT AND METHOD USED: >377 F. C.O.C.

FLAMMABLE LIMITS: LEL: NO DATA UEL: NO DATA

EXTINGUISHING MEDIA: FOAM, CO2, DRY CHEMICAL

SPECIAL FIRE FIGHTING PROCEDURES: THIS COMPOUND WILL NOT BURN UNLESS IT IS PRE-HEATED. WATER FOG MAY BE USED TO COOL THE CONTAINERS BUT DO NOT SPRAY DIRECTLY INTO LARGE CONTAINERS OF BURNING LIQUIDS AS FROTHING MAY OCCUR. 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: THE VISCOUS NATURE OF THIS PRODUCT MAKES SPILLS UNLIKELY. SCOOP UP THE MATERIAL AND RETURN TO ITS ORIGINAL CONTAINER, OR 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 OR OPEN FLAMES.

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

Section 8 – Exposure Controls / Personal Protection

RESPIRATORY PROTECTION: NORMALLY NOT REQUIRED. IF THIS PRODUCT IS BEING USED IN HIGH TEMPERATURE APPLICATIONS WHERE THE PRODUCT "SMOKES", USE A LOCAL EXHAUST OR VENTILATE THE AREA TO MAINTAIN THE AIR QUALITY. A "N.I.O.S.H" APPROVED ORGANIC VAPOR RESPIRATOR IS ALSO ACCEPTABLE.

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, USING A NAIL BRUSH AFTER USING.

Section 9 – Physical and Chemical Properties

BOILING POINT: DOES NOT APPLY

MELTING POINT: 500 F

VAPOR PRESSURE: <0.01 mmHg

EVAPORATION RATE: <1

APPEARANCE AND ODOR: WHITE BUTTERY TEXTURE, LOW ODOR

SOLUBILITY IN WATER: NIL

REACTIVITY IN WATER: NONE

SPECIFIC GRAVITY: 0.9

Section 10 – Stability and Reactivity

STABILITY: (X) STABLE () UNSTABLE

CONDITIONS TO AVOID: NONE KNOWN

INCOMPATIBILITY, (MATERIALS TO AVOID): STRONG OXIDIZING AGENTS

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

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR.

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

TRANSPORTATION BY LAND (49CFR): NO RESTRICTIONS

TRANSPORTATION BY AIR (ICAO / IATA): NO RESTRICTIONS

TRANSPORTATION BY SHIP (IMO/IMDG): NO RESTRICTIONS

WHMIS: NOT REGULATED

Section 15 – Regulatory Information

CALIFORNIA PROPOSITION 65: CADMIUM <1ppm, LEAD, <1ppm

OZONE DEPLETING SUBSTANCES: NONE

SARA TITLE III: ZINC COMPOUND

CERCLA: NO

RCRA: NO

DOT SHIPPING CLASS: NOT HAZARDOUS

TASCA INVENTORY: ALL INGREDIENTS LISTED

NFPA RATING: H-0, F-2, 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

PURE WHITE, 16 PART ISO MSDS