

# ZINC ANTI-SEIZE COMPOUND

STOCK # ('S):45002,45008,45016

## MATERIAL SAFETY DATA SHEET

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

### SECTION I - PRODUCT IDENTIFICATION

**MANUFACTURE:** ANTI-SEIZE TECHNOLOGY      Distributed by: Moreau Marketing & Sales  
410 Lori Lane  
Winston-Salem, NC 27127

**TELEPHONE #:** 336-764-5232 Fax: 336-764-0941      www.Rmoreau.com

**24 HR. EMERGENCY #:** INFOTRAC @ 1-800-535-5053

### SECTION II - COMPOSITION

	CAS #	OSHA PEL,	TLV	SARA III	PROP 65,	PERCENT
ZINC	7440-66-6	5mg/m3	10mg/m3	YES	YES	50
LEAD	7439-92-1	5mg/m3	5mg/m3	YES	YES	< 0.1

### SECTION III - PHYSICAL PROPERTIES

**BOILING POINT:** DOES NOT APPLY

**MELTING POINT:** DOES NOT APPLY.

**VAPOR PRESSURE:** NO DATA

**EVAPORATION RATE:** 0

**APPEARANCE AND ODOR:** GRAY COLORED PASTE, NO SIGNIFICANT ODOR

**SOLUBILITY IN WATER:** NIL

**REACTIVITY IN WATER:** NONE

**SPECIFIC GRAVITY:** 1.3

**PERCENT VOLATILE:** 0

### SECTION IV - FIRE AND EXPLOSION DATA

**FLASH POINT AND METHOD USED:** > 350F, 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 V- PHYSICAL HAZARDS

**STABILITY:** (X) STABLE    ( ) UNSTABLE

**CONDITIONS TO AVOID:** MAGNESIUM AND SOME OF IT'S ALLOYS.

**INCOMPATABILITY:** STRONG OXIDIZING AGENTS

**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

### SECTION VI - HEALTH HAZARDS AND FIRST AID

**ROUTES OF ENTRY:**  SKIN     EYES     INHALATION     INGESTION

**HEALTH HAZARDS:** THIS PRODUCT CONTAINS TRACE AMOUNTS OF LEAD AND CADMIUM.

## 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 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 A 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:** MAY CONTAIN TRACE AMOUNTS OF LEAD OR CADMIUM , LESS THAN 0.1%

**NPT ?:**  X  **I.A.R.C. ? :**  X  **OSHA ? :**  X

## SECTION VII - SPECIAL PRECAUTIONS AND SPILL PROCEDURES

**PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:** STORE AWAY FROM STRONG OXIDIZERS, EXTREME HEAT OR OPEN FLAMES. KEEP AWAY FROM CHILDREN

**OTHER PRECAUTIONS:** DO NOT TRANSFER TO UNMARKED CONTAINERS.

**SPILL/ LEAKAGE PROCEDURES:** BECAUSE OF ITS VISCOUS NATURE THIS PRODUCT IS NOT EXPECTED TO LEAK OR SPILL. SMALL SPILLS MAY BE SCOOPED UP AND RETURNED TO THE CONTAINER

**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 VIII - SPECIAL PROTECTION INFORMATION

**RESPIRATORY PROTECTION:** NORMALLY NOT REQUIRED. IF THIS PRODUCT IS BEING USED IN HIGH TEMPERATURE APPLICATION WHERE THE PRODUCT "SMOKES" USE A LOCAL EXHAUST OR VENTILATE THE AREA TO MAINTAIN THE AIR QUALITY, OR USE A "N.I.O.S.H." APPROVED ORGANIC VAPOR RESPIRATOR. IF AN INDIVIDUAL IS REMOVING , DRY, FLAKY MATERIAL, USE A DUST RESPIRATOR.

**PROTECTIVE GLOVES:** NORMALLY NOT REQUIRED. IF PROLONGED OR REPEATED SKIN CONTACT IS EXPECTED USE A LATEX GLOVE

**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:** YES

**OZONE DEPLETING SUBSTANCES:** NONE

**SARA TITLE III :** ZINC

**CERCLA:** ZINC

**RCRA:** NO

**DOT SHIPPING CLASS:** NOT HAZARDOUS

**TASCA INVENTORY :** ALL INGREDIANTS 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

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