

ANTI-SEIZE TECHNOLOGY

-- PIPE THREAD SEALANT TEFLON SEALING COMPOUND

=====  
MSDS Safety Information  
=====

FSC: 8030  
MSDS Date: 01/28/1993  
MSDS Num: BSTKL  
LIIN: 00N047574  
Product ID: PIPE THREAD SEALANT TEFLON SEALING COMPOUND  
MFN: 01  
Responsible Party  
Cage: ANTIS  
Name: ANTI-SEIZE TECHNOLOGY  
Address: 2345 N 17TH AVE  
City: FRANKLIN PARK IL 60131  
Info Phone Number: 708-455-2300  
Emergency Phone Number: 708-455-2300  
Published: Y

=====  
Contractor Summary  
=====

Cage: ANTIS  
Name: ANTI-SEIZE TECHNOLOGY  
Address: 2345 NORTH 17TH AVENUE  
City: FRANKLIN PARK IL 60131  
Phone: 708-455-2300

=====  
Ingredients  
=====

RTECS #: 10092290I  
Name: OIL; (HIGHLY REFINED OIL)  
% Wt: 34  
OSHA PEL: N/K (FP N)  
ACGIH TLV: N/K (FP N)

-----  
Name: SUPDAT:THIS PROD AT ELEVATED TEMPS, AVOID BRTHG THERMAL DECOMP FUMES.  
USE W/ADEQ VENT.

=====  
Health Hazards Data  
=====

LD50 LC50 Mixture: NONE SPECIFIED BY MANUFACTURER.  
Route Of Entry Inds - Inhalation: NO  
Skin: NO  
Ingestion: NO  
Carcinogenicity Inds - NTP: NO  
IARC: NO  
OSHA: NO  
Effects of Exposure: ACUTE & CHRONIC:RAW MATERIALS USED TO MANUFACTURE THIS  
PRODUCT ARE CONSIDERED MILDLY IRRITATING TO SKIN. SYMPTOMS OF OVEREXPOSURE  
COULD INCLUDE SKIN IRRITATION, REDNESS OR OIL ACNE. SYMPTOMS ARE  
REVERSIBLE.EYES:DO NOT RUB EYES. COMPOUND MA Y BE MECHANICALLY IRRITATING.  
INGEST:PRODUCT IS MILDLY (EFTS OF OVEREXP)  
Explanation Of Carcinogenicity: NOT RELEVANT  
Signs And Symptions Of Overexposure: HLTH HAZ:IRRITATING TO DIGESTIVE SYSTEM.  
MAY CAUSE DIARRHEA OR CRAMPS.  
Medical Cond Aggravated By Exposure: PRE-EXISTING SKIN CONDITION.  
First Aid: SKIN:REMOVE CONTAMINATED CLOTHING. WASH W/SOAP & WATER. A NAIL

BRUSH IS RECOMMENDED. EYES:HOLD EYELID OPEN & FLUSH W/WATER FOR AT LEAST 15 MINUTES. IF IRRITATION PERSISTS REPEAT PROCEDURE OR CONSULT MD. INHAL:LEAVE AREA & GET FRESH AIR. ING EST:DO NOT INDUCE VOMITING AS MATERIAL MAY BE ASPIRATED INTO THE LUNGS. CALL POISON CONTROL CENTER IF NECESSARY.

=====  
Handling and Disposal  
=====

Spill Release Procedures: SMALL SPILLS MAY BE WIPED UP & RETURNED TO ORIGINAL CONTAINER.

Neutralizing Agent: NONE SPECIFIED BY MANUFACTURER.

Waste Disposal Methods: CONSULT STATE, LOCAL & FEDERAL GUIDELINES.

INCINERATION IS THE PREFERRED METHOD OF DISPOSAL.

Handling And Storage Precautions: STORE AWAY FROM HEAT, SPARKS, OPEN FLAMES OR STRONG OXIDIZING CHEMICALS. KEEP CONTAINER CLOSED. KEEP AWAY FROM CHILDREN.

Other Precautions: DO NOT SMOKE WHEN HANDLING THIS COMPOUND.

TEFLONCONTAMINATED TOBACCO PRODUCTS WILL PRODUCE SYMPTOMS KNOWN AS POLYMER FUMEFEVER.

=====  
Fire and Explosion Hazard Information  
=====

Flash Point Method: COC

Flash Point Text: >350F,>177C

Extinguishing Media: FOAM, CO\*2, DRY CHEMICAL.

Fire Fighting Procedures: USE NIOSH/MSHA APPRVD SCBA & FULL PROT EQUIP (FP N). THIS CMPD WILL NOT BURN UNLESS IT IS PREHEATED. WATER MAY BE INEFT BUT CAN BE USED TO COOL CNTNRS (SUPDAT)

Unusual Fire/Explosion Hazard: DENSE SMOKE MAY BE GENERATED ALONG W/NOXIOUS OR TOXIC FUMES.

=====  
Control Measures  
=====

Respiratory Protection: NONE UNDER NORMAL USE UNLESS EXPOSURE EXCEEDS OSHA PELS. IF USED AT TEMPERATURES EXCEEDING 500F, THEN A NIOSH/MSHA APPROVED ORGANIC VAPOR RESPIRATOR.

Ventilation: NONE SPECIFIED BY MANUFACTURER.

Protective Gloves: VINYL OR RUBBER GLOVES.

Eye Protection: ANSI APPROVED CHEM WORK GOGGLES (FP N).

Other Protective Equipment: NONE KNOWN

Work Hygienic Practices: NONE SPECIFIED BY MANUFACTURER.

Supplemental Safety and Health: FIRE FIGHT PROC:EXPOS TO HEAT/FLAME. CAUT SHOULD BE EXERCISED AS FROTHING MAY OCCUR. HAZ DECOMP PROD:INORG CMPDS MAY BE FORMED, SOME OF WHICH MAY BE TOX. WHEN "TEFLON" THERMALLY DECOMPOSES IT CAN EMIT ACUTELY TOX VAPS. THESE VAPS CAN INCL H EXAFLUOROPROPYLENE, PERFLUOROISOBUTYLENE & CARBONYL FLUORIDE. IF YOU USE

=====  
Physical/Chemical Properties  
=====

HCC: N1

Spec Gravity: 1.2

Evaporation Rate & Reference: 0

Solubility in Water: NIL

Appearance and Odor: WHITE GRANULAR PASTE; SLIGHT PETROLEUM ODOR.

Percent Volatiles by Volume: 0

=====  
Reactivity Data

=====

Stability Indicator: YES  
Stability Condition To Avoid: TEMPERATURES EXCEEDING 500F.  
Materials To Avoid: STRONG OXIDIZING AGENTS, STRONG MINERAL ACIDS, ALKALI METALS.  
Hazardous Decomposition Products: THERMAL DECOMP PRODS ARE HIGHLY DEPENDENT UPON CNDTNS. CARBON MONOXIDE & CARBON DIOXIDE AS WELL AS OTHER ORG & (SUPDAT)  
Hazardous Polymerization Indicator: NO  
Conditions To Avoid Polymerization: NOT RELEVANT

=====

Toxicological Information

=====

Ecological Information

=====

MSDS Transport Information

=====

Regulatory Information

=====

Other Information

=====

HAZCOM Label

=====

Product ID: PIPE THREAD SEALANT TEFLON SEALING COMPOUND  
Cage: ANTIS  
Assigned IND: Y  
Company Name: ANTI-SEIZE TECHNOLOGY  
Street: 2345 NORTH 17TH AVENUE  
City: FRANKLIN PARK IL  
Zipcode: 60131  
Health Emergency Phone: 708-455-2300  
Label Required IND: Y  
Date Of Label Review: 01/25/1994  
Status Code: C  
Label Date: 01/25/1994  
Origination Code: G  
Chronic Hazard IND: Y  
Eye Protection IND: YES  
Skin Protection IND: YES  
Signal Word: CAUTION  
Respiratory Protection IND: YES  
Health Hazard: Slight  
Contact Hazard: Slight  
Fire Hazard: Slight  
Reactivity Hazard: None  
Hazard And Precautions: STORE AWAY FROM HEAT, SPARKS, OPEN FLAMES OR STRONG OXIDIZING CHEMICALS. ACUTE & CHRONIC:RAW MATERIALS USED TO MANUFACTURE THIS PRODUCT ARE CONSIDERED MILDLY IRRITATING TO SKIN. SYMPTOMS OF OVEREXPOSURE COULD INCLUDE SKIN IRRITATION, REDNES S OR OIL ACNE. SYMPTOMS ARE REVERSIBLE. EYES:DO NOT RUB EYES. COMPOUND MAY BE MECHANICALLY IRRITATING. INGEST:PRODUCT IS MILDLY IRRITATING TO THE DIGESTIVE SYSTEM. MAY CAUSE DIARRHEA OR CRAMPS.

=====

Disclaimer (provided with this information by the compiling agencies): This information is formulated for use by elements of the Department of Defense. The United States of America in no manner whatsoever expressly or implied warrants, states, or intends said information to have any application, use or viability by or to any person or persons outside the Department of Defense nor any person or persons contracting with any instrumentality of the United States of America and disclaims all liability for such use. Any person utilizing this instruction who is not a military or civilian employee of the United States of America should seek competent professional advice to verify and assume responsibility for the suitability of this information to their particular situation regardless of similarity to a corresponding Department of Defense or other government situation.