

SOF-SET™ Pipe Thread Sealant Safety Data Sheet

SECTION 1

Manufacturer: Anti-Seize Technology
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Franklin Park, IL 60131
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Toll Free: 800 991-1106
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Emergency Phone Number: Infotrac 24/7 Phone: 1-800-535-5053 (US & Canada)
or 352-323-3500 (International)

Product Use: Pipe thread sealant
Restriction on Use: None known

SDS Date of Preparation: Feb 9 2018

SECTION 2: HAZARDS IDENTIFICATION

GHS Classification (Hazcom 2012):

Specific Target Organ Toxicity – Single Exposure Category 3 (Narcotic effects)
Skin Irritation Category 2
Flammable Liquid Category 4

Label Elements:



Signal Word: WARNING!

Hazard Phrases:

Causes skin irritation
May cause drowsiness or dizziness
Combustible liquid

Precautionary Phrases:

Prevention

Keep away from flames and hot surfaces. No smoking.
Wear protective gloves and eye protection.
Avoid breathing mist or vapor.
Wash thoroughly after handling.
Use only outdoors or in a well-ventilated area.

Response

In case of fire: Use water spray or fog, foam, carbon dioxide or dry chemical to extinguish.

IF ON SKIN: Wash with soap and water. If skin irritation occurs: Get medical attention. Take off contaminated clothing and wash it before reuse.

IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER or doctor if you feel unwell

IF SWALLOWED: Immediately call a POISON CENTER or doctor. Do NOT induce vomiting

Storage

Store in a well-ventilated place. Keep tightly closed. Keep cool. Store locked up.

Disposal

Dispose of contents in accordance with local, regional and national regulations.

Other Hazards: None

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS#	%
Talc	14807-96-6	30-60
Non-Hazardous, Trade Secret Ingredient	Proprietary	15-42
Distillates (petroleum), hydrotreated light	64742-47-8	15-40
Titanium dioxide (nor respirable)	13463-67-7	0.5-1.5

The specific identity and/or exact percentage of composition has been withheld as a trade secret.

SECTION 4: FIRST AID MEASURES

Eye: Flush eyes with water, holding the eyelids apart. Get medical attention if irritation develops or persists.

Skin: Wash thoroughly with plenty of water for several minutes. Get medical attention if irritation persists.

Inhalation: Remove to fresh air and keep comfortable for breathing. If irritation occurs, get medical attention.

Ingestion: Aspiration Hazard. DO NOT induce vomiting. Get immediate medical attention.

Most Important symptoms and effects, both acute and delayed: May cause skin irritation. May cause eye irritation. If swallowed, may cause nausea and diarrhea. Inhalation of vapors may cause irritation, headache, dizziness and drowsiness.

Indication of any immediate medical attention and special treatment needed: Immediate medical attention is required for ingestion.

SECTION 5: FIRE-FIGHTING MEASURES

Suitable and Unsuitable Extinguishing Media: Use water spray or fog, foam, carbon dioxide or dry chemical.

Special Hazards Arising from the Chemical: Product is a combustible liquid. Water fog may be used to cool the containers but do not spray directly into large containers of burning liquids as frothing may occur. Dense smoke and noxious or toxic fumes may be generated in a fire. Thermal decomposition may yield oxides of carbon and unknown compounds.

Special Equipment and Precautions for Fire-Fighters: Wear NIOSH approved positive pressure, self-contained breathing apparatus and full protective clothing. Cool fire exposed containers with water.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures: Wear appropriate personal protective equipment. Use caution: slip hazard. Eliminate ignition sources.

Environmental Hazards: Report spills and releases as required to appropriate authorities.

Methods and Material for Containment and Cleaning Up: Because of its viscous nature, this product is not expected to leak or spill. Collect liquid spill with an inert absorbent material and place into a suitable container for disposal. Clean area thoroughly with mineral spirits.

SECTION 7: HANDLING AND STORAGE

Precautions for Safe Handling: Avoid contact with eyes. Avoid prolonged skin contact. Avoid breathing vapors. Do not transfer to unlabeled containers. Keep product away from heat and open flames. Use only with adequate ventilation.

Conditions for Safe Storage, Including any Incompatibilities: Store away from heat and open flames. Store away from pure oxygen and other oxidizers.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Chemical Name	Exposure Limits
Talc	2 mg/m ³ TWA ACGIH TLV (respirable) 20 mppcf TWA OSHA PEL (containing <1% Quartz)
Non-Hazardous, Trade Secret Ingredient	None Established
Distillates (petroleum), hydrotreated light	1200 mg/m ³ TWA ACGIH TLV as hydrocarbon vapors 500 ppm TWA OSHA PEL
Titanium dioxide*	10 mg/m ³ TWA ACGIH TLV 15 mg/m ³ TWA OSHA PEL (total dust)

*Titanium Dioxide is bound and not respirable

Appropriate Engineering Controls: Use with adequate general or local exhaust ventilation to maintain exposure levels below the exposure limits. If the product is used at high temperatures, local exhaust ventilation may be required.

Individual Protection Measures:

Respiratory Protection: Generally not required. In operations where the occupational exposure limits are exceeded, a NIOSH approved respirator with organic vapor/particulate cartridges or supplied air respirator appropriate for the form and concentration of the contaminants should be used. Selection and use of respiratory equipment must be in accordance with OSHA 1910.134 and good industrial hygiene practice.

Skin Protection: Impervious gloves such as rubber or nitrile recommended where needed to avoid prolonged skin contact.

Eye Protection: Safety glasses or goggles recommended where needed to avoid eye contact.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Viscous off yellow colored paste	Vapor Density (air = 1): >1
Odor: Mild petroleum like odor	Specific Gravity: 1.3
Odor Threshold: Not established	Water Solubility: Not soluble
pH: Not available	Octanol/Water Partition Coefficient: Not available
Melting Point/Freezing Point: Not available	Autoignition Temperature: Not available

Boiling Point: Not available	Decomposition Temperature: Not available
Flash Point: 150 °F	Viscosity: Not available
Evaporation Rate: Not available	Explosion Properties: None
Flammable Limits: LEL: 0.8% (petroleum distillates) UEL: 6% (petroleum distillates)	Oxidizing Properties: Not oxidizing
Vapor Pressure: 0.5 mmHg @ 20°C (petroleum distillates)	Aerosol Fire Protection Level: Not applicable
VOC Content: 23%	Flammability (solid, gas): Not available

SECTION 10: STABILITY AND REACTIVITY

Reactivity: Not reactive under normal conditions of use.

Chemical Stability: Stable under normal storage and handling conditions.

Possibility of Hazardous Reactions: None known

Conditions to Avoid: Use with pure oxygen. Keep away from heat, sparks and flames.

Incompatible Materials: Avoid contact with pure oxygen and other oxidizers.

Hazardous Decomposition Products: Thermal decomposition may yield oxides of carbon and unknown compounds.

SECTION 11: TOXICOLOGICAL INFORMATION

Potential Health Effects:

Eye: May cause mild irritation.

Skin: Causes irritation and drying of the skin.

Inhalation: Mist or vapor can irritate the throat and lungs. High concentrations may cause nasal and respiratory irritation and central nervous system effects such as headache, dizziness and nausea.

Ingestion: If swallowed, this material may cause irritation of the mouth, throat and esophagus. Swallowing may cause gastrointestinal irritation, nausea, vomiting, diarrhea, dizziness, drowsiness and other central nervous system effects.

Chronic Hazards: None known.

Carcinogen Status: No

Acute Toxicity Values:

Non-Hazardous, Trade Secret Ingredient: Oral rat LD50 > 5000 mg/kg (read-across)

Distillates (petroleum), hydrotreated light: Oral rat LD50 > 5000 mg/kg, dermal rabbit LD50 >2000 mg/kg

Titanium dioxide: Oral rat LD50 > 5000 mg/kg, inhalation rat LC50 > 6.82 mg/L

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity:

Non-Hazardous, Trade Secret Ingredient: *Scophthalmus maximus* LL50 > 1800 mg/L/96hr

Distillates (petroleum), hydrotreated light: *Oncorhynchus mykiss* LL50: 25 mg/L/96hr

Titanium dioxide: Japanese Medaka LC50: 294 mg/L/96hr

Persistence and Degradability: No data available

Bioaccumulative Potential: No data available

Mobility in Soil: No data available

Other Adverse Effects: None known

SECTION 13: DISPOSAL CONSIDERATIONS

Dispose in accordance with all local, regional and national regulations.

SECTION 14: TRANSPORT INFORMATION

DOT Proper Shipping Name: Not regulated in non-bulk packages per 49CFR 173.150 (f)

DOT Technical Name: None

DOT Hazard Class: None

UN Number: None

DOT Labels Required (49CFR172.101): None

IMDG Shipping Description: Not regulated

ID Number: None

Hazard Class: None

Packing Group: None

Labels Required: None

Marking Required: None

Placards Required: None

SECTION 15: REGULATORY INFORMATION

Safety, health, and environmental regulations specific for the product in question.

CERCLA Hazardous Substances (Section 103)/RQ: This product is not subject to reporting requirements under CERCLA. However, many states have more stringent release reporting requirements. Report spills required under federal, state and local regulations.

SARA Hazard Category (311/312): Acute Health, Fire Hazard

SARA 313: This product contains the following chemicals regulated under SARA Title III, section 313:
None

EPA TSCA Inventory: All of the components of this product are listed on the TSCA inventory.

CALIFORNIA PROPOSITION 65: NO

SECTION 16: OTHER INFORMATION

Revision Summary: New format to comply with OSHA Hazcom 2012

Notice to reader

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