



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

AST PENETRANT II™ Aerosol SAFETY DATA SHEET

Section 1- Product and Company Identification

Product Code: 17063

NOT FOR SALE IN CALIFORNIA

Manufacture/Supplier : Anti-Seize Technology
2345 N. 17th Ave.
Franklin Park, IL 60131

Phone: 847-455-2300

Fax: 847-455-2371

Web: antiseize.com

Emergency Phone, 24 hr: Infotrac @ 1-800-535-5053 (US & Canada)

1-352-323-3500 (International)

Web: infotrac.net

Product Use: Penetrating oil

Restriction of Use: Not Determined

Date: August 16, 2023

Section 2-Hazard Identification

GHS Classification (Hazcom 2012):

Flammable aerosol Category 1

Gas under pressure, Dissolved gas

Skin Corrosion/irritation, Category 3

Eye Damage/ irritation, Category 2B

Aspiration Hazard, Category 1

Label Elements:



Signal word:

Danger

Hazard Phrases:

Extremely flammable aerosol

Contains gas under pressure; may explode if heated

May be fatal if swallowed and enters airways

Causes mild skin irritation

Causes eye irritation

Precautionary Phrases:

Prevention:

Keep away from heat/sparks/open flames/hot surfaces-No smoking
Do not spray on an open flame or other ignition sources
Pressurized container-Do not pierce or burn even after use
Wash hands thoroughly after handling

Response:

IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. Do NOT induce vomiting
IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do-continue rinsing. If eye irritation persists: Get medical attention.
IF ON SKIN: Wash with soap and water. If skin irritation occurs: Get medical attention.

Storage:

Store locked up
Protect from sunlight. Store in well ventilated place
Do not expose to temperatures exceeding 50°C/122°F

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

Section 3- Composition/ Information on Ingredients

CHEMICAL	CAS NUMBER	PERCENT
Petroleum oil	64742-52-5	25-50
Oleic Acid	112-80-1	1-5
Methyl Isobutyl Ketone	108-10-1	25-50
Carbon Dioxide	124-38-9	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. Get medical attention if irritation persists.

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

Ingestion: If large amounts ingested, seek medical attention.

Most Important symptoms and effects, both acute and delayed: Repeated exposure may cause skin dryness or cracking. May cause drowsiness or dizziness.

Indication of any immediate medical attention and special treatment needed: None Known

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: Closed containers may explode from internal pressure build-up when exposed to extreme heat and discharge contents. Liquid content of container will support combustion.

Overexposure to decomposition products may cause a health hazard. Symptoms may not be readily apparent. Obtain medical attention. Hazardous decomposition products include carbon dioxide, carbon monoxide and other toxic fumes.

Special Equipment and Precautions for Fire-Fighters: Water may be used to cool containers to prevent pressure build-up

Section 6 – Accidental Release Measures

Personal Precautions, Protective Equipment and Emergency Procedures: Wear appropriate personal protective equipment. Avoid breathing vapors. Ventilate area. Remove all ignition sources.

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

Methods and Material for Containment and Cleaning Up: Collect liquid spill with an inert absorbent material and place into a suitable container for disposal.

Section 7 – Handling and Storage

Precautions for Safe Handling: Do not puncture or incinerate (burn) cans. Do not stick pins, nails or any other sharp objects into opening on the top of the can. Do not spray in eyes. Do not take internally. See product label for additional information.

Conditions for Safe Storage, Including any Incompatibilities: Store away from extreme heat and open flames. Do not store above 120F.

Section 8 – Exposure Controls / Personal Protection

CHEMICAL NAME	EXPOSURE LIMITS
Petroleum oil	5mg/m3 (as mist) , OSHA PEL 5mg/m3 (as mist) ACGIH TLV
Oleic Acid	Not established
Methyl Isobutyl Ketone	100 ppm, OSHA PEL 20ppm, ACGIH TLV 75ppm ACGIH, STEL
Carbon Dioxide	5000 ppm, OSHA TWA, 8 hrs. 5000 ppm, ACGIH TWA, 8 hrs. 30,000 ppm ACGIH STEL, 15 minutes

Appropriate Engineering Controls: Use with adequate general or local exhaust ventilation to maintain exposure levels below the exposure limits.

Individual Protection Measures:

Respiratory Protection: None under normal use. Avoid breathing vapors. 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.

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

Section 9 – Physical and Chemical Properties

Appearance: Aerosol product	Vapor Density (air = 1): heavier than air
Odor: Solvent	Specific Gravity: 0.8
Odor Threshold: Not established	Water Solubility: Not soluble
pH: Not available	Octanol/Water Partition Coefficient: Not determined
Melting Point/Freezing Point: Not determined	Autoignition Temperature: Not determined
Boiling Point: No determined	Decomposition Temperature: Not available
Flash Point: Not determined	Viscosity: Not available
Evaporation Rate: Slower than ether	Explosion Properties: Not applicable
Flammable Limits: LEL: Not established UEL: Not established	Oxidizing Properties: Not oxidizing
Vapor Pressure: Not determined	Aerosol Fire Protection Level: Level 3 aerosol
	Flammability (solid, gas): Gas

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

Incompatible Materials: No data

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.

Section 11 – Toxicological Information

Long term toxicological studies have not been conducted for this product.

Section 12 – Ecological Information

Long term ecological studies have not been conducted for this product.

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. Refer to other sections of this document for hazard cautionary information.

Section 14- Transport Information

DOT Proper Shipping Name: UN1950, Aerosols, 2.1, Limited Quantity

DOT Technical Name: None

DOT Hazard Class: 2.1

UN Number: UN1950

DOT Labels Required (49CFR172.101): LTD QTY

IMDG Shipping Description: UN1950, Aerosols, 2.1, FP -17 C, Limited Quantity, Marine Pollutant

ID Number: UN1950

Hazard Class: 2.1

Packing Group: None

Labels Required: None

Marking Required: Limited Quantity Mark

Placards Required: Limited Quantity and Marine Pollutant Mark On Transport Containers

ICAO/IATA

Proper shipping name: Aerosol, Flammable

Hazard Class: 2.1

Identification Number: UN 1950

Packing Group: None

Section 15 – Regulatory Information


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

CERCLA Hazardous Substances (Section 103)/RQ: None

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

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:  **WARNING:** This product can expose you to methyl isobutyl ketone which is known to the State of California to cause cancer.

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.

