



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

AST Food Grade Silicone Spray SAFETY DATA SHEET

Section 1- Product and Company Identification

Product Code: 17065

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: General lubrication

Date: Jan 2018

Section 2-Hazard Identification

GHS Classification (Hazcom 2012):

STOT-Single Exposure (narcotic effects)-Category3

Aerosol- Category 1

Skin irritation, Category 2

Eye irritation, Category 2A

Aspiration Hazard, Category 1

Gases under pressure-compressed gas

Label Elements:



Signal word:

DANGER

Hazard Phrases:

H222,H229—Extremely flammable aerosol, Pressurized container may burst if heated

H336—May cause drowsiness or dizziness

H304—May be fatal if swallowed and enters airways

H315—Causes skin irritation

H319—Causes serious eye irritation

Precautionary Phrases: General

P101—If medical advice is needed, have product container or label at hand

P102—Keep out of reach of children.

P103—Read label before use.

Precautionary Phrases: Prevention

P261- Avoid breathing dust/fume/gas/mist /vapor/spray

P271—Use only outdoors or in a well ventilated area

P264—Wash thoroughly after handling.

P280—Wear protective gloves/protective clothing/eye protection, face protection.

P210—Keep away from heat, hot surfaces, sparks, open flames, and other ignition sources. No smoking.

P211—Do not spray on an open flame or other ignition source

P251—Do not pierce or burn, even after use.

Precautionary Phrases: Response

P304+P340- IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P312—Call a POISON CENTER or doctor/physician if you feel unwell.

P301+P310-IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.

P331- Do NOT induce vomiting

P302+P352: IF ON SKIN: Wash with plenty of soap and water

P332+P313—If skin irritation occurs: get medical advice/ attention

P362+P364-Take off contaminated clothing and wash it before reuse.

P305+P351+P338—IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do, continue rinsing.

P337+P313—If eye irritation persists, get medical advice/attention.

Storage:

P403—Store in a well ventilated place

P405—Store lock up

P410—Protect from sunlight

P412—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
ACETONE	67-64-1	24-48
BUTANE	106-97-8	13-27
n-HEPTANE	142-82-5	11-27
PROPANE	74-98-6	5-11
ISOBUTANE	75-28-5	5-11
SILICONE	63148-62-9	2-5

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, remove contact lenses if present and easy to do. Rinse for 15-20 minutes. 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. Eliminate all sources of ignition.

Ingestion: Rinse mouth, do NOT induce vomiting, if vomiting occurs naturally lie on your side. If large amounts ingested, seek immediate medical attention.

Most Important symptoms and effects, both acute and delayed: None known.

Indication of any immediate medical attention and special treatment needed: May result in drowsiness or dizziness if adequate ventilation is lacking. Immediate medical attention required if ingested. Call a POISON CENTER/ doctor.

Section 5 – Fire Fighting Measures

Suitable and Unsuitable Extinguishing Media: Use water spray or fog, foam, carbon dioxide or dry chemical. Do not use water and foam on the same surface, as water destroys the foam.

Special Hazards Arising from the Chemical: Eliminate all sources of ignition and open flames. Dense smoke and noxious or toxic fumes may be generated in a fire. 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.

Special Equipment and Precautions for Fire-Fighters: Contents under pressure. Containers may rupture or burst when heated. Isolate hazard area, remove all sources of ignition. Wear NIOSH approved positive pressure, self-contained breathing apparatus and full protective clothing. Cool fire exposed containers with water. Dispose of debris and contaminated water in accordance with all official regulations.

Section 6 – Accidental Release Measures

Personal Precautions, Protective Equipment and Emergency Procedures: Flammable/combustible material. Remove all unnecessary personnel, immediately eliminate all sources of ignition and open flames. Wear appropriate personal protective equipment. Use caution: slip hazard, do not walk through or touch hazard area unless in proper personal protective equipment. Use absorbent material to clean up spill and put into suitable container for disposal in accordance with all official regulations.

Environmental Hazards: Report spills and releases as required to appropriate authorities. Prevent any spilled materials, or containers from entering waterways, sewers, storm drains or other drainage systems.

Methods and Material for Containment and Cleaning Up: Eliminate all sources of ignition using explosion proof equipment. Do not touch materials or damaged containers without the use of personal protective equipment. 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: For industrial use only, for use by trained personnel only, keep away from children and wash hands after use. Avoid contact with eyes. Avoid breathing vapors and mists. Use with

adequate ventilation. Keep away from heat sources. Contents under pressure. Do not puncture or incinerate container. Do not smoke while using.

Conditions for Safe Storage, Including any Incompatibilities: Store in a cool, well-ventilated area at temperatures below 120°F. Do not store in direct sunlight. Do not cut, drill, grind, weld or smoke near product or containers. Do not pressurize containers, keep away from all sources of ignition. Keep containers closed when not in use.

Section 8 – Exposure Controls / Personal Protection

CHEMICAL NAME	EXPOSURE LIMITS
ACETONE	1000 ppm OSHA TWA 250 ppm NIOSH TWA 500 ppm ACGIH TWA
BUTANE	800 ppm NIOSH TWA 1000 ppm ACGIH TWA
n-HEPTANE	500 ppm OSHA TWA 85 ppm NIOSH TWA 400 ppm ACGIH
ISOBUTANE	800 ppm NIOSH TWA 1000 ppm ACGIH
PROPANE	1000 ppm OSHA TWA 1000 ppm NIOSH TWA

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: 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: Clear liquid aerosol	Vapor Density (air = 1): Not available
Odor: Mild	Specific Gravity: 0.7
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: 1°F to 157°F	Decomposition Temperature: Not available
Flash Point: Below 73F	Viscosity: Not available
Evaporation Rate: Slower than ether	Explosion Properties: None
Flammable Limits: LEL: 1.9 UEL: 8.5	Oxidizing Properties: Not oxidizing
Vapor Pressure: Not established	Aerosol Fire Protection Level: Not available
VOC Content: 58.99% VOC: 3.49 lb/gal	Flammability (solid, gas): Flashpoint below 73F

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 strong oxidizing chemicals such as concentrated acids.

Incompatible Materials: Avoid strong oxidizing agents and acids.

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 including carbon monoxide and carbon dioxide.

Section 11 – Toxicological Information

Long term Toxicological testing has not been performed on this product.

Section 12 – Ecological Information

Long term Ecological testing has not been performed on 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. Incineration is the preferred method of disposal, although it may be landfilled at an approved facility. Do not cut, glaze, weld, or use for any other purpose.

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

The following components are listed under SARA 312 Title III: Acetone, Propane, Isobutane, Butane, n-Heptane

The following components are listed under SARA 313 Title III: None

The following components are listed under TSCA: Acetone, Propane, Isobutane, Butane, n-Heptane,

The following components are listed under RCRA: Acetone

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.