



Safety Data Sheet

Aluminum Anti-Seize & Lubricating Compound

Section 1. Identification

Product Identifier Aluminum Anti-Seize & Lubricating Compound

Synonyms 49576

Manufacturer Stock Numbers 143483

Recommended use Refer to Technical Information

Uses advised against Refer to Technical Information

Manufacturer Contact

Address Dynatex *a division of* Soudal
350 Ring Road
Elizabethtown, KY, 42701
USA

Phone
(270) 769-3385

Emergency Phone
(800) 424-9300
CHEMTREC

Fax
(270) 769-6418

Section 2. Hazards Identification

Classification ASPIRATION HAZARD - Category 1
FLAMMABLE AEROSOLS - Category 1
SERIOUS EYE DAMAGE /EYE IRRITATION - Category 2A
SKIN CORROSION/IRRITATION - Category 2
SPECIFIC TARGET ORGAN TOXICITY (Repeated Exposure) - Category 2
SPECIFIC TARGET ORGAN TOXICITY (Single Exposure) - Category 3
TOXIC TO REPRODUCTION - Category 2

Signal Word Danger

Pictogram



Hazard Statements

Causes serious eye irritation
Causes skin irritation
Extremely flammable aerosol
May be fatal if swallowed and enters airways
May cause damage to organ through prolonged or repeated exposure.
May cause drowsiness or dizziness.
Suspected of damaging fertility.

Precautionary Statements

Response

Call a poison center/doctor if you feel unwell.
Do NOT induce vomiting.
Get medical advice/attention if you feel unwell.
If exposed or concerned: Get medical advice/attention.
If eye irritation persists: Get medical advice/attention.
If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
If inhaled: Remove person to fresh air and keep comfortable for breathing.
If on skin: Wash with plenty of water.
If skin irritation occurs: Get medical advice/attention.
If swallowed: Immediately call a poison center/doctor.
Take off contaminated clothing and wash it before reuse.

Prevention

Do not breathe mist or vapors.
Do not handle until all safety precautions have been read and understood.
Do not spray on an open flame or other ignition source.
Keep away from heat.
Obtain special instructions before use.
Pressurized container: Do not pierce or burn, even after use.
Use only outdoors or in a well-ventilated area.
Wash thoroughly after handling.
Wear protective gloves/protective clothing/eye protection/face protection.

Storage

Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.
Store in a well-ventilated place. Keep container tightly closed.
Store locked up.

Disposal

Dispose of contents/container in accordance with local/regional/national/international regulations.

Ingredients of unknown toxicity

0%

Hazards not Otherwise Classified

Additional Information

None known

Section 3. Ingredients

CAS	Ingredient Name	Weight %
67-64-1	2-Propanone	20% - 40%
107-83-5	2-Methyl-pentane	2.5% - 10%
7429-90-5	Aluminum powder	2.5% - 10%
7782-42-5	Graphite powder	2.5% - 10%
Mixture	Lubricating oils, petroleum, base oils, highly refined	2.5% - 10%
64742-47-8	Distillates, petroleum, hydrotreated light	10% - 20%
110-54-3	Hexane	10% - 20%
74-98-6	Propane	10% - 20%
	Other components below reportable levels	10% - 20%
64742-48-9	Hydrotreated heavy petroleum naptha	1% - 2.5%
64742-95-6	Solvent Naptha (Petroleum), Light Aroma	0.1% - 1%
13463-67-7	Titanium Dioxide	0.1% - 1%
1314-13-2	Zinc Oxide	0.1% - 1%

Occupational exposure limits, if available, are listed in Section 8.

Section 4. First-Aid Measures

Inhalation	Remove to fresh air. If symptoms persist, obtain appropriate medical attention.
Skin Contact	Remove contaminated clothing and wash skin with soap and water. Get medical attention if irritation persists. Launder clothing before reuse.
Eye contact	Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if irritation develops and persists.
Ingestion	Rinse mouth. Do not induce vomiting without advice from poison control center. If vomiting occurs, keep head low to avoid getting into the lungs. Call a poison control center if large amounts are ingested. Never give anything by mouth to an unconscious person.

Section 5. Fire Fighting Measures

Suitable Extinguishing Media	Carbon Dioxide, Dry Chemical, Foam
Unsuitable Extinguishing Media	None known
Products of Combustion	May include, and are not limited to: oxides of carbon.
Explosion data	Sensitivity to Mechanical Impact: Not available. Sensitivity to Static Discharge: Not available.
Protection of firefighters	Containers may explode when heated. Keep upwind of fire. Wear full fire fighting turn-out gear (full Bunker gear) and respiratory protection (SCBA).

Section 6. Accidental Release Measures

Personal Precautions	Use personal protection recommended in Section 8. Isolate the hazard area and deny entry to unnecessary and unprotected personnel. Eliminate sources of ignition. Ruptured cylinders may rocket.
Environmental precautions	Many gases are heavier than air and will spread along ground and collect in low or confined areas (sewers, basements, tanks). This material is a water pollutant. Keep out of drains, sewers, ditches, and waterways. Minimize use of water to prevent environmental contamination.
Methods of containment	Contain and/or absorb spill with inert material (e.g. sand, vermiculite), then place in a suitable container. Do not flush to sewer or allow to enter waterways. Use appropriate Personal Protective Equipment (PPE).
Methods for clean-up	Vacuum or sweep material and place in a disposal container. Allow gas to dissipate harmlessly into the atmosphere.

Section 7. Handling and Storage

Handling precautions	HARMFUL IF INHALED OR SWALLOWED. VAPOR HARMFUL. EYE, SKIN AND RESPIRATORY IRRITANT. VAPORS MAY CAUSE FLASH FIRE. Contents under pressure. Keep out of reach of children. Read label cautions carefully. Follow label directions to avoid injury. Use with adequate ventilation. Do not use in confined areas. Keep away from heat, sparks or open flames. Wash hands thoroughly after each use. Do not smoke while using. Avoid contact with skin and eyes. Avoid breathing vapor or mist. Do not puncture container.
Storage Requirements	Keep out of reach of children. Do not store near heat, sparks, or open flames. Do not expose to temperatures above 120°F as container may vent, rupture or burst. Do not puncture or incinerate container.

Store in accordance with NFPA 20B for LEVEL 2 AEROSOL.

Section 8. Exposure Controls/Personal Protection

Occupational Exposure Limits	Ingredient Name	ACGIH TLV	OSHA PEL	STEL
	2-Propanone	500 ppm TWA	1000 ppm TWA	750 ppm
	2-Methyl-pentane	500 ppm	500 ppm	1000 ppm
	Aluminum powder	10 mg/m ³ (dust)	Not Est.	N/A
	Graphite powder	2.0 mg/m ³	2.5 mg/m ³	N/A
	Lubricating oils, petroleum, base oils, highly refined	N/A	N/A	N/A
	Distillates, petroleum, hydrotreated light	N/A	N/A	N/A
	Hexane	50 ppm	500 ppm	1000 ppm

Propane	1000 ppm TWA	1000 ppm PEL	N/A
Other components below reportable levels	N/A	N/A	N/A
Hydrotreated heavy petroleum naphtha	Not Established	TWA 400ppm	N/A
Solvent Naphtha (Petroleum), Light Aroma	N/A	N/A	N/A
Titanium Dioxide	TWA: 10 mg/m3	TWA: 15 mg/m3 total dust	N/A
Zinc Oxide	2 mg/m3 dust	5 mg/m3 dust	10 mg/m3

Personal Protective Equipment

Goggles, Gloves

Engineering Controls

Maintain adequate ventilation.

Eye Protection

Safety goggles or glasses with side shields are recommended.

Skin Protection

Wear chemical resistant gloves if repeated skin contact occurs or causes irritation.

Respiratory Protection

Use respirator only as a last resort to control exposure.

Section 9. Physical and Chemical Properties

Physical State	Aerosol liquid
Color	Not available
Odor	Not available
Odor Threshold	Not available
Solubility	Not available
Partition coefficient Water/n-octanol	Not available
VOC%	38%
Viscosity	Not available
Specific Gravity	N/A
Density lbs/Gal	N/A
Pounds per Cubic Foot	N/A
Flash Point	-156.0F (-104.4C)
FP Method	Propellant estimated
pH	Not available
Melting Point	Not available
Boiling Point	747.5F (396.5C) estimated
Boiling Range	N/A
LEL	N/A

Waste Disposal Method

We make no guarantee or warranty of any kind that the use or disposal of this product complies with all local, state, or federal laws. It is also the obligation of each user of the product mentioned herein to determine and comply with the requirements of all applicable statutes.

This product is not known to be regulated under RCRA regulations, but contains SARA regulated substances. Disposal of unused portions of this product and process waste containing this product should be done only after a careful evaluation and in compliance with all federal, local and state laws.

Section 14. Transport Information

UN Number	1950
UN Proper Shipping Name	Aerosols, flammable
DOT Classification	2
Packing Group	N/A

Section 15. Regulatory Information

Information on components

Hexane (110-54-3)
CERCLA, HAP, MASS, OSHAWAC, PA, SARA313, TSCA, TXAIR

Propane (74-98-6)
MASS, NJHS, OSHAWAC, PA, TSCA, TXAIR

2-Propanone (67-64-1)
CERCLA, HAP, MASS, NJHS, OSHAWAC, PA, SARA313, TOXICRCRA, TSCA, TXAIR, TXHWL

Distillates, petroleum, hydrotreated light (64742-47-8)
TSCA

Distillates, petroleum, hydrotreated heavy naphthenic (64742-52-5)
NJHS, TSCA

Naphtha, petroleum, hydrotreated heavy (64742-48-9)
TSCA

Regulatory Key Descriptions

CERCLA - Superfund clean up substance

HAP - Hazardous Air Pollutants

MASS - MA Massachusetts Hazardous Substances List

OSHAWAC - OSHA Workplace Air Contaminants

PA - PA Right-To-Know List of Hazardous Substances

SARA313 - SARA 313 Title III Toxic Chemicals

TSCA - Toxic Substances Control Act

TXAIR - TX Air Contaminants with Health Effects Screening Level

NJHS - NJ Right-To-Know Hazardous Substances

TOXICRCRA - RCRA Toxic Hazardous Wastes (U-List)

WARNING: This product can expose you to Titanium Dioxide, which is known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov.

Section 16. Other Information

Revision Date

6/12/2018

Disclaimer

The data contained herein is based upon information that Soudal Accumetric believes to be reliable. Users of this product have the responsibility to determine that suitability of use and to adopt all necessary precautions to ensure the safety and protection of property and persons involved in said use. All statements or suggestions are made without warranty, expressed or implied, regarding the accuracy of the information, the hazards connected with the use of the material or the results to be obtained from the use thereof.