Safety Data Sheet
acc. to OSHA HCS

Date of issue: 01/13/2026 *Reviewed on 12/09/2025*

1 Identification

- ***Product identifier***
  - ***Trade name:*** Vibra-TITE® Anti-Seize
    - ***Synonyms:*** 9070 Aluminum Anti-Seize Compound
- ***Other means of identification***
  - ***Part number:*** 9070
  - ***Application of the substance / the mixture*** Lubricant
- ***Details of the supplier of the safety data sheet***
  - ***Manufacturer/Supplier:***
    ND Industries, Inc
    1000 North Crooks Road
    Clawson, MI 48017
    USA
    Telephone: +1-248-288-0000
    Email: info@ndindustries.com
    Website: www.ndindustries.com
  - ***Information department:*** Product Safety Department
- ***Emergency telephone number:***
  United States: 1-800-424-9300
  International: +1-703-527-3887

2 Hazard(s) identification

- ***Classification of the substance or mixture*** The product is not classified, according to the Globally Harmonized System (GHS).
- ***Label elements***
  - ***GHS label elements*** Void
    - ***Hazard pictograms*** Void
    - ***Signal word*** Void
    - ***Hazard statements*** Void
- ***Other hazards***
  - ***Results of PBT and vPvB assessment***
    - ***PBT:*** Not applicable
    - ***vPvB:*** Not applicable
- ***Classification according to (d)(1)(ii) of § 1910.1200***
  The SDS issuer does not object to the classifications provided by importers or manufacturers of precursor products.
- ***Hazards not otherwise classified***
  There are no adverse physical or health effects known that are not covered by the hazard classes of the Hazard Communications Standard.

3 Composition/information on ingredients

- ***Chemical characterization: Mixtures***
  - ***Description:*** Mixture of the substances listed below with nonhazardous additions.
  - ***Dangerous components:***

CAS: 7429-90-5	aluminium powder (stabilized) Flammable solids 1, H228; Substances and mixtures which, in contact with water, emit flammable gases 2, H261	0.5 – 1.5%

4 First-aid measures

- ***Description of first aid measures***
  - ***General information:*** No special measures required.
  - ***After inhalation:*** Supply fresh air; consult doctor in case of complaints.
  - ***After skin contact:*** Generally the product does not irritate the skin.
  - ***After eye contact:*** Rinse opened eye for several minutes under running water.
  - ***After swallowing:*** If symptoms persist consult doctor.
- ***Most important symptoms and effects, both acute and delayed*** No further relevant information available.
- ***Indication of any immediate medical attention and special treatment needed*** No further relevant information available.

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5 Fire-fighting measures

- ***Extinguishing media***
  - ***Suitable extinguishing agents:*** Use fire fighting measures that suit the environment.
  - ***For safety reasons unsuitable extinguishing agents:*** Water
- ***Special hazards arising from the substance or mixture*** No further relevant information available.
- ***Advice for firefighters***
  - ***Protective equipment:***
    Wear self-contained respiratory protective device.
    Wear fully protective suit.

6 Accidental release measures

- ***Personal precautions, protective equipment and emergency procedures***
  Wear protective equipment. Keep unprotected persons away.
  Ensure adequate ventilation
  Wear protective clothing.
- ***Environmental precautions:*** Do not allow to enter sewers/ surface or ground water.
- ***Methods and material for containment and cleaning up:***
  Ensure adequate ventilation.
  Do not flush with water or aqueous cleansing agents
  Dispose of the collected material according to regulations.
- ***Reference to other sections***
  See Section 7 for information on safe handling.
  See Section 8 for information on personal protection equipment.
  See Section 13 for disposal information.

7 Handling and storage

- ***Precautions for safe handling*** No special measures required.
  - ***Information about protection against explosions and fires:***
    Keep ignition sources away - Do not smoke.
    Protect against electrostatic charges.
- ***Conditions for safe storage, including any incompatibilities***
  - ***Storage:***
    - ***Requirements to be met by storerooms and receptacles:*** No special requirements.
    - ***Information about storage in one common storage facility:*** Not required
    - ***Further information about storage conditions:*** Keep receptacle tightly sealed.
- ***Specific end use(s)*** No further relevant information available.

8 Exposure controls/personal protection

- ***Control parameters***

- ***Components with limit values that require monitoring at the workplace:***	
CAS: 7429-90-5 aluminium powder (stabilized)	
PEL	Long-term value: 15*; 5** mg/m³ *Total dust; ** Respirable fraction
REL	Long-term value: 10* 5** mg/m³ as Al*Total dust**Respirable/pyro powd./welding f.
TLV	Long-term value: 1* mg/m³ as Al; *as respirable fraction, A4

  - ***Additional information:*** The lists that were valid during the creation were used as basis.
- ***Exposure controls***
  - ***Appropriate engineering controls*** No further data; see section 7.
  - ***Personal protective equipment:***
    - ***General protective and hygienic measures:*** The usual precautionary measures for handling chemicals should be followed.
    - ***Protection of hands:***
      The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.
      Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation
      - ***Material of gloves***
        The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.
        Nitrile rubber, NBR
      - ***Penetration time of glove material***
        The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

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- ***Eye protection:*** Not required
- ***Body protection:*** Protective work clothing

9 Physical and chemical properties

- ***Information on basic physical and chemical properties***	
- ***General Information***	
- ***Physical state***	Solid
- ***Color:***	Silver-colored
- ***Odor:***	Petroleum-like
- ***Odor threshold:***	Not determined
- ***Melting point/Melting range:***	Undetermined
- ***Boiling point/Boiling range:***	Undetermined
- ***Flammability:***	Contact with water liberates extremely flammable gases.
- ***Explosion limits:***	
- ***Lower:***	Not determined
- ***Upper:***	Not determined
- ***Flash point:***	221.1 °C (430 °F)
- ***Decomposition temperature:***	Not determined
- ***pH-value:***	Not applicable
- ***Viscosity:***	
- ***Kinematic:***	Not applicable
- ***Dynamic:***	Not applicable
- ***Solubility in / Miscibility with***	
- ***Water:***	Insoluble.
- ***Partition coefficient (n-octanol/water):***	Not determined
- ***Vapor pressure:***	Not applicable
- ***Vapor pressure:***	
- ***Density at 20 °C (68 °F):***	≥ 2.69669 – ≤ 2.69934 g/cm³ (≥ 22.50388 – ≤ 22.52599 lbs/gal)
- ***Relative density***	Not determined
- ***Vapor density***	Not applicable
- ***Particle characteristics***	Not determined
- ***Other information***	
- ***Appearance:***	
- ***Form:***	Pasty
- ***Important information on protection of health and environment, and on safety.***	
- ***Ignition temperature:***	Product is not selfigniting.
- ***Danger of explosion:***	Product does not present an explosion hazard.
- ***Solvent content:***	
- ***VOC content:***	0.00 %
- ***Solids content:***	100.0 %
- ***Change in condition***	
- ***Evaporation rate***	Not applicable.

10 Stability and reactivity

- ***Reactivity*** No further relevant information available.
- ***Chemical stability***
  - ***Thermal decomposition / conditions to be avoided:*** No decomposition if used according to specifications.
- ***Possibility of hazardous reactions*** Contact with water releases flammable gases.
- ***Conditions to avoid*** No further relevant information available.
- ***Incompatible materials:*** No further relevant information available.
- ***Hazardous decomposition products:*** No dangerous decomposition products known.

11 Toxicological information

- ***Information on toxicological effects***
  - ***Acute toxicity:***
    - ***Primary irritant effect:***
      - ***on the skin:*** No irritant effect.
      - ***on the eye:*** No irritating effect.
    - ***Sensitization:*** No sensitizing effects known.

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- ***Additional toxicological information:***
The product is not subject to classification according to internally approved calculation methods for preparations:
When used and handled according to specifications, the product does not have any harmful effects according to our experience and the information provided to us.
- ***Interactive effects*** No interactive effects between components are known.
- ***Carcinogenic categories***

- *IARC (International Agency for Research on Cancer)*		
CAS: 14808-60-7	Crystalline Silica	1

- *NTP (National Toxicology Program)*		
CAS: 14808-60-7	Crystalline Silica	K

- *OSHA-Ca (Occupational Safety & Health Administration)*
None of the ingredients is listed.

- ***Alternative sources for toxicological information*** No non-standard sources for toxicological information where used.

12 Ecological information

- ***Toxicity***
  - ***Aquatic toxicity:*** No further relevant information available.
- ***Persistence and degradability*** No further relevant information available.
- ***Bioaccumulative potential*** No further relevant information available.
- ***Mobility in soil*** No further relevant information available.
- ***Results of PBT and vPvB assessment***
  - ***PBT:*** Not applicable
  - ***vPvB:*** Not applicable
- ***Other adverse effects***
  - ***Additional ecological information:***
    - ***General notes:***
    Water hazard class 1 (Self-assessment): slightly hazardous for water
    Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

13 Disposal considerations

- ***Waste treatment methods***
  - ***Recommendation:*** Smaller quantities can be disposed of with household waste.
  - ***Uncleaned packagings:***
    - ***Recommendation:*** Disposal must be made according to official regulations.

14 Transport information

- ***UN-Number***	
- ***DOT, ADN, IMDG, IATA***	not regulated
- ***UN proper shipping name***	
- ***DOT, ADN, IMDG, IATA***	not regulated
- ***Transport hazard class(es)***	
- ***DOT, ADN, IMDG, IATA***	
- ***Class***	not regulated
- ***Packing group***	
- ***DOT, IMDG, IATA***	not regulated
- ***Environmental hazards:***	
- ***Marine pollutant:***	No
- ***Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code***	Not applicable
- ***Special precautions for user***	Not applicable
- ***UN "Model Regulation":***	not regulated

* 15 Regulatory information

- ***Safety, health and environmental regulations/legislation specific for the substance or mixture***
No further relevant information available.

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- ***Sara***

- ***Section 355 (extremely hazardous substances):***

None of the ingredients is listed.

- ***Section 313 (Specific toxic chemical listings):***

CAS: 7429-90-5	aluminium powder (stabilized)

- ***TSCA (Toxic Substances Control Act):***

All components have the value ACTIVE.

- ***Hazardous Air Pollutants***

None of the ingredients is listed.

- ***Proposition 65***

- ***Chemicals known to cause cancer:***

None of the ingredients is listed.

- ***Chemicals known to cause reproductive toxicity for females:***

None of the ingredients is listed.

- ***Chemicals known to cause reproductive toxicity for males:***

None of the ingredients is listed.

- ***Chemicals known to cause developmental toxicity:***

None of the ingredients is listed.

- ***Carcinogenic categories***

- ***EPA (Environmental Protection Agency)***

None of the ingredients is listed.

- ***TLV (Threshold Limit Value)***

CAS: 14808-60-7	Crystalline Silica	A2

- ***NIOSH-Ca (National Institute for Occupational Safety and Health)***

CAS: 14808-60-7	Crystalline Silica

- ***Chemical safety assessment:*** A Chemical Safety Assessment has not been carried out.

16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

- ***Department issuing SDS:*** H. B. Fuller Company | ND Industries - Safety, Health and Environmental Affaires
- ***Contact:*** Safety, Health and Environmental Affaires
- ***Classification System:***
- ***HMIS-ratings (scale 0 - 4)***



Health = 0
Fire = 1
Reactivity = 0

- ***NFPA ratings (scale 0 - 4)***



Health = 0
Fire = 1
Reactivity = 0

- ***Date of previous version*** 05/20/2024
- ***Version number of previous version:*** 12
- ***Date of preparation*** 01/13/2026
- ***Abbreviations and acronyms:***

IMDG: International Maritime Code for Dangerous Goods
DOT: US Department of Transportation
IATA: International Air Transport Association
EINECS: European Inventory of Existing Commercial Chemical Substances
ELINCS: European List of Notified Chemical Substances
CAS: Chemical Abstracts Service (division of the American Chemical Society)
VOC: Volatile Organic Compounds (USA, EU)
PBT: Persistent, Bioaccumulative and Toxic
vPvB: very Persistent and very Bioaccumulative
NIOSH: National Institute for Occupational Safety
OSHA: Occupational Safety & Health
TLV: Threshold Limit Value
PEL: Permissible Exposure Limit
REL: Recommended Exposure Limit
Flammable solids 1: Flammable solids – Category 1
Substances and mixtures which, in contact with water, emit flammable gases 2: Substances and mixtures which in contact with water emit flammable gases – Category 2

- **** Data compared to the previous version altered.***

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