

**Safety Data Sheet**  
acc. to OSHA HCS

Printing date 09/28/2015

Reviewed on 09/28/2015

**\* 1 Identification**

**- Product identifier**

- **Trade name:** Vibra-TITE® Anti-Seize

- **Synonyms:** 908 Food Grade Anti-Seize

- **Part number:** VT908

**- 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**



Skin Irrit. 2 H315 Causes skin irritation.

Eye Irrit. 2B H320 Causes eye irritation.

**- Label elements**

- **GHS label elements** The product is classified and labeled according to the Globally Harmonized System (GHS).

**- Hazard pictograms**



- **Signal word** Warning

**- Hazard statements**

H315+H320 Causes skin and eye irritation.

**- Precautionary statements**

P280 Wear protective gloves.

P264 Wash thoroughly after handling.

P305+P351+P338 If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P332+P313 If skin irritation occurs: Get medical advice/attention.

P337+P313 If eye irritation persists: Get medical advice/attention.

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

P321 Specific treatment (see on this label).

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

**- Classification system:**

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



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



**- Other hazards**

**- Results of PBT and vPvB assessment**

- **PBT:** Not applicable.

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- **vPvB:** Not applicable.

### 3 Composition/information on ingredients

**- Chemical characterization: Mixtures**

- **Description:** Mixture of the substances listed below with nonhazardous additions.

**- Dangerous components:**

14807-96-6	Soapstone	Carc. 2, H351	5-10%
1314-13-2	zinc oxide		≤ 1.00%
13463-67-7	titanium dioxide	Carc. 2, H351	≤ 1.00%

### 4 First-aid measures

**- Description of first aid measures**

- **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.

**- Information for 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.

### 5 Fire-fighting measures

**- Extinguishing media**

**- Suitable extinguishing agents:**

CO<sub>2</sub>, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

Use fire fighting measures that suit the environment.

- **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**

Ensure adequate ventilation

Wear protective clothing.

**- Environmental precautions:**

Inform respective authorities in case of seepage into water course or sewage system.

Do not allow to enter sewers/ surface or ground water.

- **Methods and material for containment and cleaning up:** 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

**- Handling:**

- **Information about protection against explosions and fires:** No special measures required.

**- 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:** None.

- **Specific end use(s)** No further relevant information available.

### 8 Exposure controls/personal protection

- **Additional information about design of technical systems:** No further data; see item 7.

**- Control parameters**

**- Components with limit values that require monitoring at the workplace:**

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

- **Additional information:** The lists that were valid during the creation were used as basis.

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**- Exposure controls****- Personal protective equipment:**

- **General protective and hygienic measures:** Wash hands before breaks and at the end of work.

**- 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.

**- 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.

- **Eye protection:** Goggles recommended during refilling.

- **Body protection:** Protective work clothing

## \* 9 Physical and chemical properties

<b>- Information on basic physical and chemical properties</b>	
<b>- General Information</b>	
<b>- Appearance:</b>	
- <b>Form:</b>	Pasty
- <b>Color:</b>	White
- <b>Odor:</b>	Light
- <b>Odour threshold:</b>	Not determined.
- <b>pH-value at 20 °C (68 °F):</b>	7
<b>- Change in condition</b>	
- <b>Melting point/Melting range:</b>	Undetermined.
- <b>Boiling point/Boiling range:</b>	260 °C (500 °F)
- <b>Flash point:</b>	232 °C (450 °F)
- <b>Flammability (solid, gaseous):</b>	Not applicable.
<b>- Ignition temperature:</b>	
- <b>Decomposition temperature:</b>	Not determined.
- <b>Auto igniting:</b>	Product is not selfigniting.
- <b>Danger of explosion:</b>	Product does not present an explosion hazard.
<b>- Explosion limits:</b>	
- <b>Lower:</b>	Not determined.
- <b>Upper:</b>	Not determined.
- <b>Vapor pressure at 20 °C (68 °F):</b>	23 hPa (17 mm Hg)
- <b>Density at 20 °C (68 °F):</b>	1.18 g/cm <sup>3</sup> (9.847 lbs/gal)
- <b>Relative density</b>	Not determined.
- <b>Vapour density</b>	Not determined.
- <b>Evaporation rate</b>	Not determined.
<b>- Solubility in / Miscibility with</b>	
- <b>Water:</b>	Not miscible or difficult to mix.
<b>- Partition coefficient (n-octanol/water):</b> Not determined.	
<b>- Viscosity:</b>	
- <b>Dynamic:</b>	Not determined.
- <b>Kinematic:</b>	Not determined.
<b>- Solvent content:</b>	
- <b>Organic solvents:</b>	0.0 %
- <b>Water:</b>	30.0 %
- <b>Solids content:</b>	100.0 %
- <b>Other information</b>	No further relevant information available.

## 10 Stability and reactivity

- **Reactivity** No further relevant information available.

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**- Chemical stability**

- **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
- **Possibility of hazardous reactions** No dangerous reactions known.
- **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:**

**- LD/LC50 values that are relevant for classification:**

1314-13-2 zinc oxide		
Oral	LD50	> 5000 mg/kg (rat)
13463-67-7 titanium dioxide		
Oral	LD50	>20000 mg/kg (rat)
Dermal	LD50	>10000 mg/kg (rabbit)
Inhalative	LC50/4 h	>6.82 mg/l (rat)

**- Primary irritant effect:**

- **on the skin:** No irritant effect.
- **on the eye:** No irritating effect.

**- Sensitization:** No sensitizing effects known.

**- Additional toxicological information:**

**- Carcinogenic categories**

**- IARC (International Agency for Research on Cancer)**

14807-96-6	Soapstone	2B
13463-67-7	titanium dioxide	2B

**- NTP (National Toxicology Program)**

None of the ingredients is listed.

**- OSHA-Ca (Occupational Safety & Health Administration)**

None of the ingredients is listed.

## \*12 Ecological information

**- Toxicity**

- **Aquatic toxicity:** No further relevant information available.
- **Persistence and degradability** No further relevant information available.
- **Behavior in environmental systems:**
  - **Bioaccumulative potential** No further relevant information available.
  - **Mobility in soil** No further relevant information available.

**- Ecotoxicological effects:**

- **Remark:** Harmful to fish

**- 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.  
Harmful to aquatic organisms

**- Results of PBT and vPvB assessment**

- **PBT:** Not applicable.
- **vPvB:** Not applicable.

**- Other adverse effects** No further relevant information available.

## 13 Disposal considerations

**- Waste treatment methods**

- **Recommendation:** Must not be disposed of together with household garbage. Do not allow product to reach sewage system.

**- Uncleaned packagings:**

- **Recommendation:** Disposal must be made according to official regulations.

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## \*14 Transport information

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

## \*15 Regulatory information

- <b>Safety, health and environmental regulations/legislation specific for the substance or mixture</b> - Sara	
- <b>Section 355 (extremely hazardous substances):</b>	
None of the ingredients is listed.	
- <b>Section 313 (Specific toxic chemical listings):</b>	
1314-13-2	zinc oxide
- <b>TSCA (Toxic Substances Control Act):</b>	
All ingredients are listed.	
- <b>Proposition 65</b>	
- <b>Chemicals known to cause cancer:</b>	
13463-67-7	titanium dioxide
- <b>Chemicals known to cause reproductive toxicity for females:</b>	
None of the ingredients is listed.	
- <b>Chemicals known to cause reproductive toxicity for males:</b>	
None of the ingredients is listed.	
- <b>Chemicals known to cause developmental toxicity:</b>	
None of the ingredients is listed.	
- <b>Carcinogenic categories</b>	
- <b>EPA (Environmental Protection Agency)</b>	
1314-13-2	zinc oxide
	D, I, II
- <b>TLV (Threshold Limit Value established by ACGIH)</b>	
14807-96-6	Soapstone
	A4
13463-67-7	titanium dioxide
	A4
- <b>NIOSH-Ca (National Institute for Occupational Safety and Health)</b>	
13463-67-7	titanium dioxide
- <b>Chemical safety assessment:</b> 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:** ND Industries, Inc. - Safety, Health and Environmental Affairs

- **Contact:** Safety, Health and Environmental Affairs

- **Date of preparation / last revision** 09/28/2015 / 4

- **Abbreviations and acronyms:**

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

DOT: US Department of Transportation

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IATA: International Air Transport Association  
ACGIH: American Conference of Governmental Industrial Hygienists  
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)  
NFPA: National Fire Protection Association (USA)  
HMIS: Hazardous Materials Identification System (USA)  
LC50: Lethal concentration, 50 percent  
LD50: Lethal dose, 50 percent  
PBT: Persistent, Bioaccumulative and Toxic  
vPvB: very Persistent and very Bioaccumulative  
Skin Irrit. 2: Skin corrosion/irritation, Hazard Category 2  
Eye Irrit. 2B: Serious eye damage/eye irritation, Hazard Category 2B  
Carc. 2: Carcinogenicity, Hazard Category 2

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

- **Disclaimer**

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