Safety Data Sheet
acc. to OSHA HCS

Item 735-7

Printing date 01/23/2024 *Reviewed on 01/17/2024*

* 1 Identification

- ***Product identifier***
  - ***Trade name:*** Vibra-TITE Dielectric Grease
    - ***Synonyms:*** 83508 Di-electric Grease
    - ***Part number:*** VT835
- ***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.

3 Composition/Information on Ingredients

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

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.
  - ***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:***
    CO2, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
- ***Special hazards arising from the substance or mixture*** No further relevant information available.
- ***Advice for firefighters***
  - ***Protective equipment:***
    Wear self-contained respiratory protective device.

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Wear fully protective suit.

6 Accidental release measures

- ***Personal precautions, protective equipment and emergency procedures***
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:*** 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:***
  - ***Precautions for safe handling*** No special measures required.
  - ***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 section 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.
- ***Exposure controls***
  - ***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.
    - ***Eye protection:*** Not required.
    - ***Body protection:*** Protective work clothing

9 Physical and chemical properties

- ***Information on basic physical and chemical properties***	
- ***General Information***	
- ***Appearance:***	
- ***Form:***	Pasty
- ***Color:***	White
- ***Odor:***	Mild
- ***Odor threshold:***	Not determined.
- ***pH-value:***	Not applicable.
- ***Change in condition***	
- ***Melting point/Melting range:***	Undetermined.
- ***Boiling point/Boiling range:***	≥ 2,230 °C (≥ 3630 °F)
- ***Flash point:***	> 93 °C (> 199.4 °F)

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- ***Flammability (solid, gaseous):***	Not determined.
- ***Decomposition temperature:***	Not determined.
- ***Ignition temperature:***	Product is not selfigniting.
- ***Danger of explosion:***	Product does not present an explosion hazard.
- ***Explosion limits:***	
- ***Lower:***	Not determined.
- ***Upper:***	Not determined.
- ***Vapor pressure:***	Not applicable.
- ***Density at 20 °C (68 °F):***	~ 1.03435 g/cm³ (~ 8.63165 lbs/gal)
- ***Relative density***	Not determined.
- ***Vapor density***	Not applicable.
- ***Evaporation rate***	Not applicable.
- ***Solubility in / Miscibility with***	
- ***Water:***	Soluble.
- ***Partition coefficient (n-octanol/water):***	Not determined.
- ***Viscosity:***	
- ***Dynamic:***	Not applicable.
- ***Kinematic:***	Not applicable.
- ***Solvent content:***	
- ***VOC content:***	0.00 %
- ***Other information***	No further relevant information available.

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

- ***Carcinogenic categories***

IARC (International Agency for Research on Cancer)

CAS: 7631-86-9	Silicon dioxide, Untreated fumed	3

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.

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- ***Behavior in environmental systems:***
  - ***Bioaccumulative potential*** No further relevant information available.
  - ***Mobility in soil*** No further relevant information available.
- ***Additional ecological information:***
  - ***General notes:*** Not hazardous for water.
- ***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:*** Smaller quantities can be disposed of with household waste.
- ***Uncleaned packagings:***
  - ***Recommendation:*** Disposal must be made according to official regulations.
  - ***Recommended cleansing agent:*** Water, if necessary with cleansing agents.

14 Transport Information

- ***UN-Number***	
- ***DOT, IMDG, IATA***	not regulated
- ***UN proper shipping name***	
- ***DOT, IMDG, IATA***	not regulated
- ***Transport hazard class(es)***	
- ***DOT, ADN, IMDG, IATA***	
- ***Class***	not regulated
- ***Packing group***	
- ***DOT, IMDG, IATA***	not regulated
- ***Environmental hazards:***	Not applicable.
- ***Special precautions for user***	Not applicable.
- ***Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code***	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.
  - ***Sara***
    - ***Section 355 (extremely hazardous substances):***

    None of the ingredients is listed.
    - ***Section 313 (Specific toxic chemical listings):***

    None of the ingredients is listed.
    - ***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.

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- Carcinogenic categories

- EPA (Environmental Protection Agency)

CAS: 10043-35-3	boric acid	I (oral)

- TLV (Threshold Limit Value)

CAS: 10043-35-3	boric acid	A4

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

None of the ingredients is listed.

- 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: ND Industries, Inc. - 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 preparation / last revision 01/23/2024

- Abbreviations and acronyms:

ADR: Accord relatif au transport international 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
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

- * Data compared to the previous version altered.

- Disclaimer

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