



In accordance with OSHA 29 CFR 1910.1200

NuBroadlok VRT Adhesive

Revision Date - 02/15/2024

Revision Number 2

Date Created - 08/26/2021

1 • IDENTIFICATION

- 1.1. Product Identifier**
 Product Name NuBroadlok VRT Adhesive
Other means of identification
 Product Identifier 30856180
- 1.2. Relevant identified uses of the substance or mixture and uses advised against**
 Recommended use Adhesives
 Restrictions on use No information available
- 1.3. Details of the supplier of the safety data sheet**
Responsible Party
 Performance Accessories
 160 South Industrial Blvd
 Calhoun GA 30701
 Telephone: (800) 325-7062
- 1.4. Emergency telephone number**
 Telephone: (800) 424-9300 (CHEMTREC)
 (703) 527-3887 (CHEMTREC International)
 (706) 277-1300 (Industrial Health/Spill Emergency)
 Email: ehs@trcc.com (Danny Welch)


2 • HAZARD(S) IDENTIFICATION

- 2.1. Classification of the substance or mixture**

Not a dangerous substance or mixture according to OSHA 29 CFR 1910.1200	
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Hazards not otherwise classified (HNOC)

2.2. Label Elements

<i>EMERGENCY OVERVIEW</i>			
<div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> <p>Warning</p> <p>Hazard Statements</p> <div style="text-align: center; margin-top: 20px;">  </div> </div> <div style="width: 70%;"> <div style="display: flex; justify-content: space-between; margin-top: 20px;"> <div style="width: 45%;"> <p>Appearance Paste</p> </div> <div style="width: 45%;"> <p>Physical state Liquid</p> </div> </div> <div style="display: flex; justify-content: space-between; margin-top: 20px;"> <div style="width: 45%;"> <p>Odor</p> </div> <div style="width: 45%;"> <p>Characteristic</p> </div> </div> </div> </div>			

Precautionary Statements - Prevention

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Not Applicable

Precautionary Statements - Response

Not Applicable

Precautionary Statements - Disposal

Not Applicable

2.3. Other Information

Not Applicable

3. COMPOSITION/INFORMATION ON INGREDIENTS

Depending on molding type, all parts may NOT be used.

3.1. Substances

Mixture

MIXTURE

Chemical name	CAS No	Weight-%
Feldspar	68476-25-5	10 - 30
Kaolin	1332-58-7	10 - 30
Quartz	14808-60-7	1 - 5

**The exact percentage (concentration) of composition has been withheld as a trade secret*

4. FIRST-AID MEASURES

4.1. Description of first aid measures

General advice	Show this safety data sheet to the doctor in attendance.
Inhalation	IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
Eye contact	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. If symptoms persist, call a physician.
Skin contact	Wash off immediately with plenty of water for at least 15 minutes. In the case of skin irritation or allergic reactions see a physician
Ingestion	Do not induce vomiting without medical advice. Never give anything by mouth to an unconscious person. If symptoms persist, call a physician.
Self-protection of the first aider	Use personal protective equipment as required.

4.2. Most important symptoms and effects, both acute and delayed

Symptoms	No information available.
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4.3. Indication of any immediate medical attention and special treatment needed

Note to physicians	Treat symptomatically.
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5. FIRE-FIGHTING MEASURES



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• **5.1. Extinguishing media**

Suitable Extinguishing Media Large Fire	Water spray (fog). Carbon dioxide (CO2). Foam. Dry chemical. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
Unsuitable extinguishing media	None Known.

• **5.2. Special hazards arising from the substance or mixture**

Specific hazards arising from the chemical	Thermal decomposition can lead to release of irritating gases and vapors.
Hazardous combustion products	Carbon monoxide. Carbon dioxide (CO2).Hydrocarbons
Explosion data Sensitivity to mechanical impact Sensitivity to static discharge	None. None.

• **5.3. Advice for firefighters**

Special protective equipment for fire-fighters	As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear
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6. ACCIDENTAL RELEASE MEASURES

• **6.1. Personal precautions, protective equipment and emergency procedures**

Personal precautions	Evacuate personnel to safe areas. Use personal protection recommended in Section 8.
Other information	Refer to protective measures listed in Sections 8.

• **6.2. Environmental precautions**

Environmental precautions	Keep people away from and upwind of spill/leak. See Section 12 for additional Ecological Information.
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• **6.3. Methods and material for containment and cleaning up**

Methods for containment	Stop leak if you can do it without risk.
Methods for cleaning up	Use personal protective equipment as required. Dam up. Cover liquid spill with sand, earth or other non-combustible absorbent material. Take up mechanically, placing in appropriate containers for disposal. Clean contaminated surface thoroughly. Soak up with inert absorbent material
Reference to other sections	See section 7 for more information. See section 8 for more information. See section 13 for more information.

7. HANDLING AND STORAGE

• **7.1. Precautions for safe handling**



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Advice on safe handling	Use personal protective equipment as required. Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes or clothing. Wash hands thoroughly after handling. Do not reuse container.
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• **7.2. Conditions for safe storage, including any incompatibilities**

Storage Conditions	Keep from freezing. Keep containers tightly closed in a cool, well-ventilated place.
Incompatible materials	No information available.

• **7.3 Specific end use(s)**

Specific Use(s)	Adhesives.
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• **7.4 References to other sections**

Reference to other sections	Section 10: STABILITY AND REACTIVITY Section 13: DISPOSAL CONSIDERATIONS
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8. EXPOSURE CONTROLS/PERSONAL PROTECTION

• **8.1. Control parameters**

Exposure Limits	. This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.
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Chemical name	ACGIH TLV	NIOSH IDLH	OSHA PEL	Mexico
Feldspar 68476-25-5	2 mg/m ³ (Respirable fraction)	-	-	-
Kaolin 1332-58-7	TWA: 2 mg/m ³ particulate matter containing no asbestos and <1% crystalline silica, respirable particulate matter	TWA: 10 mg/m ³ total dust TWA: 5 mg/m ³ respirable dust	TWA: 10 mg/m ³ total dust TWA: 5 mg/m ³ respirable dust	TWA: 2 mg/m ³ total
Quartz 14808-60-7	TWA: 0.025 mg/m ³ respirable particulate matter	IDLH: 50 mg/m ³ respirable dust TWA: 0.05 mg/m ³ respirable dust	TWA: 50 µg/m ³ TWA: 50 µg/m ³ excludes construction work, agricultural operations, and exposures that result from the processing of sorptive clays : (250)/(%SiO ₂ + 5) mppcf TWA respirable fraction : (10)/(%SiO ₂ + 2) mg/m ³ TWA respirable fraction	TWA: 0.025 mg/m ³ total



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Chemical name	Argentina	Brazil	Chile	Venezuela
Kaolin 1332-58-7	TWA: 2 mg/m ³	-	TWA: 13 mg/m ³ TWA: 4.5 mg/m ³	TWA: 2 mg/m ³
Quartz 14808-60-7	TWA: 0.05 mg/m ³	-	TWA: 0.08 mg/m ³	TWA: 0.025 mg/m ³

8.2. Exposure controls

Appropriate engineering controls

Engineering controls	Use with local exhaust ventilation. Ensure adequate ventilation, especially in confined areas. Use explosion-proof ventilating equipment.
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Individual protection measures, such as personal protective equipment

Eye/face protection	Wear safety glasses with side shields (or goggles). Avoid contact with eyes.
Hand protection	Wear suitable gloves. The selection of suitable gloves does not only depend on the material, but also on further marks of quality and various manufacturers.
Skin and body protection	Wear suitable gloves. The selection of suitable gloves does not only depend on the material, but also on further marks of quality and various manufacturers
Respiratory protection	If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.
General hygiene considerations	Use personal protective equipment as required. Handle in accordance with good industrial hygiene and safety practice. Do not eat, drink or smoke when using this product. Avoid contact with eyes, skin and clothing. Wash hands thoroughly after handling. Wash contaminated clothing before reuse. Regular cleaning of equipment, work area and clothing is recommended.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Physical state	Liquid
Appearance	Paste
Color	Beige
Odor	Characteristic
Odor threshold	No information available

Property	Values	Remarks • Method
pH	8.0	None known
Melting point / freezing point	No data available	None known



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Boiling point / boiling range	100 °C / 212 °F	None known
Flash point	>100 °C / > 212 °F	
Evaporation rate	No data available	None known
Flammability (solid, gas)	Not applicable for liquids	
Flammability Limit in Air Upper flammability or explosive limits lower flammability or explosive limits	No data available No data available	None known
Vapor pressure	No data available	None known
Relative vapor density	No data available	None known
Relative density	No data available	None known
Water solubility	Insoluble	None known
Solubility(ies)	No data available	None known
Partition coefficient	No data available	None known
Autoignition temperature	No data available	None known
Decomposition temperature	No data available	None known
Kinematic viscosity	No data available	None known
Dynamic viscosity	No data available	None known

• **9.2. Other information**

Explosive properties	No information available
Oxidizing properties	No information available
Solvent content (%)	No information available
Solid content (%)	No information available
Softening Point	No information available
Molecular weight	No information available
VOC Content (%)	No information available
Liquid Density	1.150 g/cm ³
Bulk density	No information available

10. STABILITY AND REACTIVITY

• **10.1. Reactivity**



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Reactivity	None under normal use conditions.
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• **10.2. Chemical stability**

Chemical stability	Stable under normal conditions.
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• **10.3. Possibility of hazardous reactions**

Possibility of hazardous reactions	None under normal processing.
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• **10.4. Conditions to avoid**

Conditions to avoid	Extremes of temperature and direct sunlight. Keep from freezing.
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• **10.5. Incompatible materials**

Incompatible materials	No information available
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• **10.6. Hazardous decomposition products**

Hazardous decomposition products	Carbon monoxide. Carbon dioxide (CO ₂). Hydrocarbons.
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11. TOXICOLOGICAL INFORMATION

• **11.1. Information on toxicological effects**

Symptoms related to the physical, chemical and toxicological characteristics

Symptoms	No data available
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The following values are calculated based on chapter 3.1 of the GHS document.

Skin corrosion/irritation	Based on available data, the classification criteria are not met.
Serious eye damage/eye irritation	Based on available data, the classification criteria are not met.
Respiratory or skin sensitization	Based on available data, the classification criteria are not met.

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Kaolin 1332-58-7	LD50 (Rattus) >2000 mg/kg	>5000 mg/kg (Rattus)	1.5 mg/l 4hr
Quartz 14808-60-7	>2000 mg/kg (Rattus)	-	-

• **Delayed and immediate effects as well as chronic effects from short and long-term exposure**

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Germ cell mutagenicity	No information available.			
Carcinogenicity	The table below indicates whether each agency has listed any ingredient as a carcinogen.			
Chemical name	ACGIH	IARC	NTP	OSHA
Quartz 14808-60-7	A2	Group 1	None Known	X

Legend

ACGIH (American Conference of Governmental Industrial Hygienists)

A2 - Suspected Human Carcinogen

IARC (International Agency for Research on Cancer)

Group 1 - Carcinogenic to Humans

NTP (National Toxicology Program)

Known - Known Carcinogen

OSHA (Occupational Safety and Health Administration of the US Department of Labor)

X - Present

Reproductive toxicity	No information available.
STOT - single exposure	No information available.
STOT - repeated exposure	No information available.
Target organ effects	No information available.
Aspiration hazard	No information available.
Other adverse effects	No information available.
Interactive effects	No information available.

12. ECOLOGICAL INFORMATION

12.1. Toxicity

Chemical name	Algae/aquatic plants	Fish	Toxicity to Microorganisms	Crustacea
Kaolin 1332-58-7	IC 50 (72h) > 1000 mg/l	LC 50 (96h) > 1000 mg/l	-	EC 50 (48h) > 1000 mg/l (Daphnia magna)

12.2. Persistence and degradability

Persistence and degradability	No information available.
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12.3. Bioaccumulative potential



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Bioaccumulation

No information available.

• **12.4. Mobility in soil**

Mobility

No information available.

Other adverse effects

Other adverse effects

No information available.

13. DISPOSAL CONSIDERATIONS

• **13.1. Waste treatment methods**

Disposa

It is the responsibility of the waste generator to determine the toxicity and physical properties of the material generated to determine the proper waste identification and disposal methods in compliance with applicable regulations.

Contaminated packaging

Dispose of in accordance with federal, state and local regulations.

14. TRANSPORT INFORMATION

• **Transport information**

DOT

Not regulated

IATA

Not regulated

IMDG

Not regulated

15. REGULATORY INFORMATION

• **International Inventories**

TSCA

Listed

DSL

Listed

• **US Federal Regulations**

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

Chemical name

CAS No.

Feldspar

68476-25-5

• **SARA 311/312 Hazard Categories**

Should this product meet EPCRA 311/312 Tier reporting criteria at 40 CFR 370, refer to Section 2 of this SDS for appropriate classifications.



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- Europe**

Restrictions of Use of Hazardous Substances (RoHS) Directive 2011/65/EU

This product does not contain Lead, Cadmium, Mercury, Hexavalent chromium, Polybrominated biphenyls (PBB), Polybrominated diphenyl ethers (PBDE), Bis(2-Ethylhexyl) phthalate (DEHP), Benzyl butyl phthalate (BBP), Dibutyl phthalate (DBP) and Diisobutyl phthalate (DIBP) above the regulated limit mentioned in this regulation

SVHC: Substances of Very High Concern for Authorization:

This product does not contain candidate substances of very high concern at a concentration $\geq 0.1\%$ (Regulation (EC) No. 1907/2006 (REACH), Article 59)

16. OTHER INFORMATION

- Key or legend to abbreviations and acronyms used in the safety data sheet**

Legend Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

TWA	TWA (time-weighted average)	STEL	STEL (Short Term Exposure Limit)
Ceiling	Maximum limit value	*	Skin designation

Prepared By Product Safety & Regulatory Affairs.

Revision date 04-May-2023

Revision note SDS sections updated, 1

Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.