



## SAFETY DATA SHEET

Prepared in accordance with OSHA 29 CFR 1910.1200

Revision Date: 1/7/2015

SDS No.: ND1030

Version: 3.2

### 1. PRODUCT AND COMPANY IDENTIFICATION

**Product Name:** Vibra-TITE® VC-3 Threadmate - Applied

**Synonyms:** VC-3, Original Formula #3

**Product Number:** VC3

**Relevant Identified Uses of the substance and uses advised again**

**Identified Uses:** Adhesive

**Uses advised against:** NA

**Supplier:**

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Troy, Michigan 48084  
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**Emergency Telephone Numbers:**

**Medical Emergency:** United States 1-800-222-1222

**Transportation Emergency:** United States 1-800-424-9300  
International +1-703-527-3887

### 2. HAZARDS IDENTIFICATION

**Classification of the substance or mixture**

**GHS Classification in accordance 29 CFR 1910.1200 (OSHA HCS)**

Irritant, Skin (Category 2)

Irritant, Eye (Category 2B)

**OSHA / GHS Label Elements, including precautionary statements**

Pictograms:



Signal word:

**Warning**

**Hazard Statement(s)**

Causes skin irritation

Causes eye irritation

**Precautionary Statement(s)**

**Prevention:**

Wash face, hands and any exposed skin thoroughly after handling.

Wear protective gloves, clothing, eye protection or face protection.

**Response:**

IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.

If skin irritation occurs: 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 eye irritation persists: Get medical advice attention.

**Storage:**

Store in a dry place.

**Disposal:**

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

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS Number	EINECS Number	Weight %	EU Classification*
Acrylic Polymer	Mixture	Mixture	70-75	Not classified
Acrylic Co-Polymer	Mixture	Mixture	25-30	Not classified

\*EU Classification is for pure concentrations of the individual materials only, and represents classification under EU regulations. It does not represent the mixture itself.

### 4. FIRST AID MEASURES

<b>Skin Contact:</b>	Remove contaminated clothing. Flush affected area with soap and plenty of water for at least 15 minutes. If irritation develops or persists, seek medical attention.
<b>Eye Contact:</b>	Flush eyes with warm water for at least 20 minutes. Hold eyelids apart to ensure complete irrigation of the eyes. Remove contact lenses. Seek immediate medical attention.
<b>Inhalation:</b>	Move to fresh air. If breathing is difficult provide oxygen. If not breathing, immediately begin rescue breathing. If heart has stopped, provide cardiopulmonary resuscitation (CPR). Seek immediate medical attention.
<b>Ingestion:</b>	Do not induce vomiting. If vomiting occurs spontaneously, place head lower than knees, or, if unconscious, in rescue position. Seek immediate medical attention.
<b>Notes to Physician:</b>	Maintain adequate ventilation and oxygenation of patient.

### 5. FIRE AND IGNITION INFORMATION

<b>Flash Point</b>	>200°F
<b>Explosion Limits in Air – Upper (%)</b>	Not applicable
<b>Explosion Limits in Air – Lower (%)</b>	Not applicable
<b>OSHA Flammability Classification:</b>	Non Combustible
<b>Auto-ignition Temperature:</b>	~860°F
<b>Extinguishing Media:</b>	Dry chemical, carbon dioxide, foam
<b>Special Protective Equipment for Firefighters:</b>	Fire fighters should wear full turn-out gear, including a NIOSH approved self-contained breathing apparatus operated in pressure-demand or other positive pressure when fighting fires.
<b>Specific Hazards:</b>	Not established for the product itself.
<b>Hazardous Decomposition and/or Combustion Products:</b>	Oxides of carbon, smoke, fumes, unburned hydrocarbons, aldehydes, and cyanides.
<b>Risk of Dust Explosion:</b>	Not applicable.

### 6. ACCIDENTAL RELEASE MEASURES

<b>Personal Precautions:</b>	Only trained personnel should clean a spill. Evacuate all non-essential personnel. Ventilate spill area. Avoid breathing vapors, eye and skin contact. Wear appropriate personal protective equipment.
<b>Methods for Cleaning Up:</b>	Evacuate non-emergency personnel. Isolate the area and prevent access. Ensure adequate ventilation. Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust). Transfer to a waste container. Scrape-up/off dried materials. The waste can then be disposed of in accordance with all applicable local, state, and federal regulations. Ensure adequate ventilation.
	See Section 7 for information on safe handling. See Section 8 for information on personal protection equipment. See Section 13 for disposal information.

**Environmental Precautions:** Do not allow spilled material onto or into soil, drains, sewer, rivers or other water courses.

**7. HANDLING AND STORAGE**

**Precautions for Safe Handling:** Avoid skin and eye contact. Wear appropriate personal protective equipment. Avoid breathing vapors. Do not ingest. Safety showers and eyewash stations should be available for use in the immediate work area. Wash hands after using this product, and before eating, drinking smoking or using the lavatory.

**Conditions for Safe Storage:** Keep containers tightly closed. Store in well ventilated, cool, dry location, away from direct sunlight and heat sources. Store in approved containers.

**Incompatible Materials:** Not established for the product itself.

**8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

**EXPOSURE LIMITS**

There are no published Occupational Exposure Limits (OELs) for the Product itself or its components.

**ENGINEERING CONTROLS:** Use only with adequate ventilation. . The use of both general dilution is recommended to control airborne exposures to mist, vapor, or spray. Do not use in a confined area or areas with little or no air movement.

**PERSONAL PROTECTIVE EQUIPMENT**

**Respiratory Protection:** Respiratory protection is not required when product is used as directed. However, when atmospheric levels exceed the exposure guidelines, use a NIOSH approved air-purifying respirator. Use a respirator that has been selected by an industrial hygienist or other technically qualified person for the specific work conditions. If respirators are used, OSHA requires compliance with its respirator program. For situations where atmospheric levels may exceed the level for which an air-purifying respirator is effective, use positive-pressure air-supplying respiratory (air-line or self-contained breathing apparatus).

**Hand Protection:** Use gloves chemically resistant to this material. Select and use gloves and/or protective clothing to prevent skin contact based on the results of an exposure assessment.

**Eye Protection:** Wear safety glasses with side shields. Chemical safety goggles and face shield should be used if splash hazard exists. Eyewash fountain should be located in the immediate work area.

**Skin and Body Protection:** Wear chemical resistant clothing suitable to the job. Select and use gloves and/or protective clothing to prevent skin contact based on the results of an exposure assessment.

**Other:** A hazard assessment should be performed before using this material to determine the appropriate personal protective equipment for the task. Safety shower and eyewash stations should be available in the immediate work area. Do not smoke, eat or drink while using this material. Wash hands after using this material, before eating, drinking, smoking or using the lavatory.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

**Appearance:** Red, Gel

**Odor:** Hydrocarbon

**pH** Not applicable

**Odor Threshold:** Not established for the product itself.

**Vapor Pressure:** 83 mmHg at 75°F

**Vapor Density:** Not established for the product itself.

**Flash Point** >200°F

**Explosion Limits in Air – Upper (%)**: Not applicable

**Explosion Limits in Air – Lower (%)**: Not applicable

**OSHA Flammability** Non Combustible

<b>Classification:</b>	
<b>Auto-ignition Temperature:</b>	~860°F
<b>Decomposition Temperature:</b>	Not established for the product itself.
<b>Initial Boiling Point /Range:</b>	Not established for the product itself.
<b>Melting Point:</b>	Not applicable
<b>Freezing Point:</b>	Not established for the product itself.
<b>Water Solubility:</b>	16.32% at 68°F
<b>Specific Gravity:</b>	0.92
<b>Relative Density:</b>	7.67 lb./gal.
<b>% Volatile (by Volume):</b>	Not established for the product itself.
<b>Evaporation Rate:</b>	Not established for the product itself.
<b>Partition coefficient: n-octanol/water</b>	Not established for the product itself.
<b>Viscosity:</b>	250 cps @ 77°F

**10. STABILITY AND REACTIVITY**

<b>Stability:</b>	Stable under recommended conditions. See section 7.
<b>Hazardous Polymerization:</b>	Will not occur.
<b>Mechanical Sensitivity (shock):</b>	Not applicable.
<b>Conditions to Avoid:</b>	Avoid heat, sparks, open flames, or other ignition sources.
<b>Hazardous Decomposition and/or Combustion Products:</b>	See section 5.
<b>Static Discharge Effects:</b>	Avoid static discharges

**11. TOXICOLOGICAL INFORMATION**

<b>Routes of Exposure:</b>	Skin Contact, Eye Contact
<b>Signs and Symptoms of Exposure:</b>	Contact with the skin can be indicated by redness and/or irritation at the sight of exposure. Contact with the eye(s) is indicated by irritation, redness and watering of the eye(s).

**Toxicological data has not been established for the product itself.**

*Components of this material that have associated toxicological data is provided below.*

**Acute Toxicity**

Oral LD50:	No data available on the product itself.
Inhalation LC50:	No data available on the product itself.
Dermal LC50:	No data available on the product itself.

**Serious Eye Damage/Eye Irritation:** Eye irritation.

**Skin Corrosion/ Irritation:** Skin irritation

**Respiratory or Skin Sensitization:** No data available on the product itself.

**Germ Cell Mutagenicity:** No data available on the product itself.

**Carcinogenicity**

ACGIH:	No component of this product is present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by ACGIH.
IARC:	No component of this product is present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.
NTP:	No component of this product is present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by NTP.
OSHA:	No component of this product is present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by OSHA.

**Reproductive Toxicity:** No data available on the product itself.

**Teratogenicity:** No data available on the product itself.

**Specific Target Organ Toxicity – Single Exposure:** No data available on the product itself.

**Specific Target Organ Toxicity – Repeated Exposure:** No data available on the product itself.

**Aspiration Hazard:** No data available on the product itself.

**Synergistic Materials:** No data available on the product itself.

**12. ECOLOGICAL INFORMATION**

*Information given is based on data on the components and the toxicology of similar products.*

**Aquatic Toxicity:** Do not allow spilled material onto or into soil, drains, sewer, rivers or other water courses.

**Environmental Fate:**

- Mobility: No data available on the product itself.
- Bioaccumulation: No data available on the product itself.
- Persistence/Degradability: No data available on the product itself.
- Distribution to Environmental Compartments: No data available on the product itself.

**13. DISPOSAL CONSIDERATIONS**

**Disposal:** Disposal of this product must be in accordance with all applicable local, state, and federal regulatory requirements. When disposing of waste materials contact and offer to only licensed professional waste disposal services. Do not dispose of used, unused, or wastes into sanitary sewage or storm water drains or systems.

**RCRA Classification (40 CFR 261):** Dispose of in accordance with all applicable local, state and federal regulatory requirements.

**Unused and Uncontaminated Product:** Dispose of in accordance with all applicable local, state, and federal regulatory requirements.

**Disclaimer:** Information in this section pertains to the product as shipped in its intended composition as described in Section 2 of this MSDS. Contamination or processing may change waste characteristics and requirements. Regulations may also apply to empty containers, liners or rinsate. State/provincial and local regulations may be different from federal regulations.

**14. TRANSPORTATION INFORMATION**

**DOT: Not Regulated**

- UN Identification Number: NA
- Proper Shipping Name: NA
- Hazard Class: NA
- Packing Group: NA
- Marine Pollutant: NA
- Poison Inhalation Hazard: NA

**IATA: Not Regulated**

- UN Identification Number: NA

Proper Shipping Name: NA  
 Hazard Class: NA  
 Packing Group: NA

**IMDG: Not Regulated**

UN Identification Number: NA  
 Proper Shipping Name: NA  
 Hazard Class: NA  
 Packing Group: NA  
 Marine Pollutant: NA

**15. REGULATORY INFORMATION**

**Hazard Classification**

**OSHA Classification: Hazardous**

Causes skin irritation  
 Causes eye irritation

**International Inventories**

**All components of this product are listed on or exempt from the following inventories:**

- Yes - Australian Inventory of Chemical Substances (AICS)
- Yes - Domestic Substances List (DSL)
- Yes - Chinese Inventory
- Yes - European Inventory of Existing Commercial Substances (EINECS)
- Yes - Japanese Existing and New Chemical Substances (ENCS)
- Yes - Korean Existing Chemicals List (KECL)
- Yes - New Zealand Hazardous Substances and New Organisms Act (HSNO)
- Yes - Philippine Inventory of Chemicals and Chemical Substances (PICCS)
- Yes - United States Toxic Substances Control Act (TSCA) Inventory

A "Yes" indicates this product complies with the inventory requirements administered by the governing country(s).  
 A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).

**U.S. Federal Regulations**

**TSCA 12(b) Export Notification:** None

**Clean Air Act amendments of 1990 (CAA, Section 11240: CFR 82):** No

Component	CAS #	Amount
NA	NA	NA

**Clean Water Act (CWA, 40 CFR 116):** No Priority Pollutants

**Comprehensive Environmental Response, Compensation and Liability Act (CERCLA, 40 CFR 302):** Yes

Component	CAS #	RQ
NA	NA	NA

**Superfund Amendments and Reauthorization Act, Title III (SARA):**

**SARA Section 302 (40 CFR 355) Extremely Hazardous Substances:** No

Component	CAS #	Amount
NA	NA	NA

**SARA Section 311/312 (40 CFR 370) Hazard Category:** Acute Health Hazard

**SARA Section 313 (40 CFR 372) Toxics Release Inventory:** Yes

Component	CAS #	Amount
NA	NA	NA

**U.S. State Regulations**

**California Proposition 65:** This product does not contain chemicals known to the state of California to cause cancer, birth defects or other reproductive harm.

Component	CAS #	Amount
NA	NA	NA

**16. OTHER INFORMATION**

**HMIS Rating**

HMIS Index: \*- chronic, 0 – Minimal, 1 – slight, 2- moderate, 3 – serious, 4 –severe

Health: 1  
 Flammability: 0  
 Physical Hazard: 0

**Additional Contacts:**

Prepared by: ND Industries, Inc. – Safety, Health and Environmental Affairs  
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 Previous Revision Date: None  
 Reasons for Revision: Creation of SDS

**Glossary**

- ACGIH: American Conference of Governmental Industrial Hygienists
- CAS: Chemical Abstract Service Number
- Ceiling: Absolute exposure limit that should not be exceeded at any time
- CERCLA: Comprehensive Environmental Response, Compensation, and Liability Act
- GHS: Globally Harmonized System
- HCS: U.S. Hazard Communications Standard
- IARC: International Agency for Research on Cancer
- IATA: International Air Transportation Association
- IDLH: Immediately Dangerous to Life and Health
- IMDG: International Maritime Dangerous Goods Code
- DOT: U.S. Department of Transportation
- OSHA: Occupational Safety and Health Administration
- NTP: U.S. National Toxicology Program
- PEL: Permissible Exposure Limit - An airborne concentration in which nearly all workers may be repeatedly exposed ... without adverse health effects. Establish by US OSHA
- ppm: Parts per million
- RCRA: Resource Conservation and Recovery Act
- SARA: Superfund Amendments and Reauthorization Act
- STEL: Short Term Exposure Limit - One time exposure for a duration of 15 minutes, that cannot be repeated more than 4 times per day
- TSCA: Toxic Substances Control Act
- TLV: Threshold Limit Value - An airborne concentration in which nearly all workers may be repeatedly exposed ... without adverse health effects. Established by US ACGIH
- TWA: Time Weighted Average - Average exposure on the basis of a 8h/day, 40h/week work schedule

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