



Trade name: Vibra-Stop VS Grade #3 (liquid form)

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MATERIAL SAFETY DATA SHEET
Prepared in accordance with EU directive 91/155/EEC
Printed: 09.12.2007 Revised:09.12.2007

1 Identification of the substance/preparation and of the company/

- **Product details**
- **Trade name:** Vibra-Stop VS
- **Application of the substance / the preparation:** Industrial Coating
- **Manufacturer/Supplier:**
Tectorius North America
1250 North Opdyke Road
Auburn Hills, MI 48326
USA
Tel.: 248-364-3999
Fax.: 248-364-3991
- **Further information obtainable from:**
Please visit our site: <http://www.tectorius.com/>
Or contact Tectorius distributor in your country.

2 Composition/information on ingredients

- **Chemical characterization**
- **Description:** Industrial coating Solution, consisting of the following components.
- **Components:**

CAS: 78-93-3 EINECS: 201-159-0	methyl ethyl ketone (2-butanone)	>50%
CAS: not assigned EINECS: not assigned	Synthetic Acrylic Resin	15-35%
CAS: not assigned EINECS: not assigned	Acrylic Terpolymer	10-25%
CAS: not assigned EINECS: not assigned	Methacrylic Copolymer	0.1-3%

- **Other components:**
Components not listed here are not dangerous or their concentrations do not exceed the limits specified in the EU directive 1999/45/EC.
- **Additional information:** For the wording of the listed risk phrases refer to section 15.

3 Hazards identification

- **Hazard description:** Flammable liquid
- **Information concerning particular hazards for human and environment:**
- **Classification system:**
The classification is according to the latest editions of the EU-lists, and extended by company and literature data.

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4 First aid measures

- **General information:** Flammable liquid.
- **After inhalation:** Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.
- **After skin contact:** Immediately flush skin with plenty of soap and water for at least 15 minutes while removing contaminated clothing and shoes.
- **After eye contact:** Immediately flush eyes with plenty of water for at least 15 minutes, lifting upper and lower eyelids occasionally.
- **After swallowing:** Aspiration hazard. If swallowed, vomiting may occur spontaneously, but **DO NOT INDUCE**. If vomiting occurs, keep head below hips to prevent aspiration into lungs. Never give anything by mouth to an unconscious person. Call a physician immediately.

5 Fire-fighting measures

- **Suitable extinguishing agents:**
Dry chemical, foam or carbon dioxide. Water spray may be used to keep fire exposed containers cool, dilute spills to nonflammable mixtures, protect personnel attempting to stop leak and disperse vapors. ·
- **Protective equipment:** In the event of a fire, wear full protective clothing and NIOSH-approved self-contained breathing apparatus with full facepiece operated in the pressure demand or other positive pressure mode.

6 Accidental release measures

- **Person-related safety precautions:** Wear eye protections and impervious protective clothing.
- **Measures for environmental protection:**
Absorb spilled material on inert filler and place in a sealed container suitable for disposal.
Do not allow to enter sewers, surface or ground water.
- **Measures for cleaning/collecting:**
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
- **Additional information:** When released into the soil, this material may leach into groundwater. Packaging makes release unlikely.

7 Handling and storage

- **Handling:**
- **Information for safe handling:** Avoid all sparks and open flame.
- **Information about fire - and explosion protection:** Vapors can accumulate in low areas.
- **Storage:** Avoid storage in conditions above 40 C
- **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.

8 Exposure controls/personal protection

- **Additional information about design of technical facilities:** No further data; see item 7.
- **Ingredients 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 when used in containers provided.
- **Additional information:**
- **Personal protective equipment:** Goggles and gloves (see below for detail)
- **General protective and hygienic measures:**
The usual precautionary measures are to be adhered to when handling chemicals.



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· **Respiratory protection:** Not required when used in accordance with recommendations. Organic vapor respirator may be used if needed.

· **Protection of hands:**

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

· **Material of gloves**

It is recommended that nitrile type protective gloves be worn while using this product. Gloves should be of sufficient thickness to prevent penetration.

· **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

· **Exposure limits:**

IOELV	HSE OES
a. 8-hr TWA	8-hr TWA
b. STEL	STEL
c. Notation	Notation
a. 200ppm	200ppm
b. 300ppm	300ppm
c. Sk	Sk

-OSHA Permissible Exposure Limit (PEL):
200 ppm (TWA)

-ACGIH Threshold Limit Value (TLV):
200 ppm (TWA), 300 ppm (STEL)

9 Physical and chemical properties

· **General Information**

Form: Solution

Colour: Red, transparent

Odour: Solvent odour

· **Change in condition**

Melting point/Melting range: Undetermined.

Boiling point/Boiling range: Approximately 80 C

· **Flash point:** -4 C TCC

· **Self-igniting:** Product is not self-igniting.

· **Danger of explosion:** Vapors combined with air ignited in a confined space represent an explosion hazard.

· **Density at 20°C:** 0.92 g/cm³

· **Solubility in / Miscibility with**

water: Partially miscible.

· **pH-value at 25°C:** N/A



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10 Stability and reactivity

· **Thermal decomposition / conditions to be avoided:**

Thermal decomposition may yield acrylic monomer and/or hydrocarbons.

· **Dangerous reactions** *No dangerous reactions known.*

· **Dangerous decomposition products:** *No dangerous decomposition products known.*

11 Toxicological information

· **Acute toxicity:**

· **Primary irritant effect:**

· **on the skin:** *Mild irritant effect.*

· **on the eye:** *Irritating effect. Immediately flush with water for 15 minutes.*

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

· **Additional toxicological information:**

The product is not subject to classification according to the calculation method of the General EU

Classification Guidelines for Preparations as issued in the latest version.

When used and handled according to specifications, the product does not have any harmful effects to our experience and the information provided to us.

12 Ecological information

· **General notes:**

Water hazard (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. Packaging makes this unlikely.

· **Product:**

· **Recommendation:** *Smaller quantities can be disposed of with household waste. Dried materials are inert.*

· **Uncleaned packaging:** *Allow package to dry, then dispose of with conventional waste*

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

· **Recommended cleansing agents:** *Water, if necessary together with cleansing agents.*

14 Transport information

· **Land transport ADR/RID (cross-border)**

· **ADR/RID class:** -

· **Maritime transport IMDG:**

· **IMDG Class:** -

· **Marine pollutant:** *No*

· **Air transport ICAO-TI and IATA-DGR:** *UN1193*

· **ICAO/IATA Class:** *-3*

Packing Group: *II*



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15 Regulatory information

· **Labelling according to EU guidelines:**

Observe the general safety regulations when handling chemicals.



Risk Phrases

- R10 Flammable
- R20/22 Harmful by inhalation and if swallowed
- R25 Toxic if swallowed
- R36/37 Irritating to eyes and respiratory system
- R66 Repeated exposure may cause skin dryness or cracking
- R67 Vapours may cause drowsiness and dizziness

Safety phrases

S7	Keep container tightly closed
S16	Keep away from sources of ignition - No smoking
S24/25	Avoid contact with skin and eyes
S28	After contact with skin, wash immediately with plenty of ... (to be specified by the manufacturer)
S29/35	Do not empty into drains; dispose of this material and its container in a safe way
S37/39	Wear suitable gloves and eye/face protection
S59	Refer to manufacturer/supplier for information on recovery/recycling
S62	If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label



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MSDS has been prepared in accordance with EU directives 67/548/EEC, 91/155/EEC and other European Union legislation in force.

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16 Other information

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