

SAFETY DATA SHEET

SECTION 1. PRODUCT IDENTIFICATION

Product Name : VORTEX
Product Code : Not applicable

Company Name : SB3 COATINGS INTERNATIONAL INC
Address : 34 N 16TH ST, LEBANON, PA, 17042
Telephone : 1-866-772-3262
Contact Email : SCOTT@SB3COATING.COM
Contact Person : SCOTT WARD

SECTION 2. HAZARDS IDENTIFICATION

OSHA/HCS Status : Classification of the chemical in accordance with paragraph (d) of §1910.1200:

Hazards Pictograms :



Signal Word : DANGER

Hazard Statements : Highly flammable liquid and vapor.
 Causes mild skin irritation.
 Causes eye irritation
 Causes damage to organs through prolonged or repeated exposure (e.g. lung, respiratory system).

Precautionary Statements :

Prevention : Keep away from heat/sparks/open flames/hot surfaces. — No smoking.
 Keep container tightly closed.
 Ground/bond container and receiving equipment.

Use explosion-proof electrical/ventilating/light/equipment.

Use only non-sparking tools.

Take precautionary measures against static discharge.
 Avoid breathing dust/fume/gas/mist/vapors/spray.
 Wash hands thoroughly after handling.
 Do not eat, drink or smoke when using this product.
 Contaminated work clothing should not be allowed out of the workplace.
 Wear protective gloves (e.g. rubber gloves) /protective clothing (clothing made of antistatic synthetic fiber)
 /
 eye protection/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 INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell.

IF IN EYES: Remove contact lenses if present and easy to do. Continue rinsing.

If eye irritation persists: Get medical advice/attention.

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IF exposed or you feel unwell: Call a POISON CENTER or doctor/physician.
Use proper media for extinction (e.g. CO2, chemical powder, sand. Do NOT use water jet.).

Storage : Store in a well-ventilated place. Keep cool.
Disposal : Dispose of contents/container to relevant local and national regulations.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance/Mixture : Mixture

Ingredient Name	CAS Number	Weight %
Siloxane 1	Trade secret	50%-70%
Isopropyl alcohol	67-63-0	20%-30%
Hardening catalyst	Trade secret	6%-9%

SECTION 4. FIRST AID MEASURES

Description of first aid measures:

Inhalation : Move victim to fresh air and keep at rest in a position comfortable for breathing. IF exposed or you feel unwell: Immediately call a POISON CENTER or doctor/physician.

Skin : Immediately water contaminated area with plenty of water and soap. If irritation persists, get medical attention.

Eyes : Immediately raise eyelids and flush with plenty of water at least for 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If irritation persists, seek medical care.

Ingestion : Rinse mouth. Do not induce vomiting without professional instruction. Get medical attention immediately.

Acute effect : It causes irritation to eyes. In case of ingestion, it causes irritation to intestines and stomach.

Delayed effect : It causes damage to organs through prolonged or repeated exposure (e.g. lung, respiratory system).

Personal Protective equipment: Recommend wearing protective gloves and uniforms. Wear respirators and safety goggles when exposure limits are exceeded or liquid may splash.

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SECTION 5. FIRE FIGHTING MEASURES

Extinguishing Media : Dry chemical, CO2, water spray or regular foam.

Special hazards arising from the substance or mixture: Not required.

Hazards from the mixture : Will be easily ignited by heat, sparks or flames.

Hazardous combustion products: Carbon monoxide, Carbon dioxide, Formaldehyde, Silicon dioxide, Nitrogen oxides. Fire may produce irritating, corrosive and/or toxic gases.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures:

No action shall be taken involving any personal risk or without suitable training. Keep unnecessary and unprotected personnel from entering. ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area). All equipment used when handling the product must be grounded.

Environmental precautions: Keep cleaning run-offs out of municipal sewers and open bodies of water. Comply with local and national laws and regulations.

Methods and materials for containment and cleaning up:

Small Spill: Mop up or absorb with an inert dry material (e.g. sand, dry lime) and place in an appropriately labeled waste disposal container.

Large Spill: Isolate contaminated area and set up a warning board. The persons handling emergency are recommended wearing protective clothing. Do NOT touch spilled material. Keep away from heat and sources of ignition. Build up dike or dig pit for collection. Spray fog water to cool down and dilute vapor. Dilute the spilled liquid till it is not combustible. Protect the working staff. Collect the spilled material with explosion-proof pump into an appropriate container and transport the waste to the disposal place. Vapor-suppressing foam may be used to reduce vapors. Absorb or cover with dry earth, sand or other non-combustible material and transfer to containers. Use clean, non-sparking tools to collect absorbed material.

SECTION 7. HANDLING AND STORAGE

Precautions for safe handling: Ensure good ventilation/exhaustion at the workplace. Ensure good interior ventilation, especially at floor level. (Fumes are heavier than air). Use explosion proof electric equipment. Use only non-sparking tools. Take measures to prevent the build-up of electrostatic charge.

Conditions for safe storage, including any incompatibilities:

Store only in unopened original receptacles. Keep in the original containers in a cool and dry place. Keep away from direct light, high temperature and oxidation sources. Keep in properly labeled, sealed container, with a label which complies with current regulations.

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SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

SAPMA Rating	:	Not applicable.
Respiration	:	Where risk assessment shows air-purifying respirators are appropriate use a full-face respirator with multi-purpose combination or ABEK P2 respirator cartridges as a backup to engineering controls Use respirators and components tested and approved under appropriate.
Skin	:	Wear protective gloves. The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.
Eyes	:	Wear tight-fitting, chemical splash goggles or face shield. Use equipment for eye protection tested and approved under NIOSH standards.
Hygiene Consideration	:	The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace. Wash hands after use.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state	:	Liquid
Color	:	Light yellow
Odor	:	Characteristic odor
Viscosity	:	Not determined
Percentage solids	:	Not determined
Flash Point	:	16°C
Self-igniting	:	200°C
Solubility	:	Hardly soluble in water
Reduction solvent	:	Not determined

SECTION 10. STABILITY AND REACTIVITY

Stability	:	Stable under normal ambient and anticipated conditions of use.
Reactivity	:	Not chemically reactive.
Conditions to avoid	:	Moisture, Heat, open flames, and other sources of ignition.

SECTION 11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure:

Inhalation	:	It may cause irritation to nose, throat and respiratory system if inhaling concentrated vapor of this liquid. Symptoms may include dizziness, headache, nausea and tightness in chest.
Ingestion	:	It can cause irritation to intestinal tract. Symptoms may include nausea, vomiting and bellyache.
Skin	:	It causes mild irritation to skin.
Eyes	:	It causes eye irritation and symptoms may include redness, tear and ache.
Irritation Data	:	Isopropyl alcohol (CAS: 67-63-0) Draize test, rabbit, eyes: 1100mg/24H: moderate; Draize test, skin: 500mg/24H: moderate.

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SECTION 12. ECOLOGICAL INFORMATION

Product data : None known
Persistence and Degradability: Not established
Bio accumulative Potential : Not established
Mobility in Soil : Not established
Other adverse effects (such as hazardous to the ozone layer):
Harmful to the aquatic environment

SECTION 13. DISPOSAL INFORMATION

Waste treatment methods:

Do not allow product to reach sewage system.
Do not throw it into any open bodies of water.
Waste recycling must be operated strictly according to relevant regulations.

SECTION 14. TRANSPORT INFORMATION

US Number : UN 1219
IMDG (Transport by sea) : UN 1219
IATA (Country variations may apply): UN 1219
Environmental hazards: Marine pollutant: No
Transport in bulk (according to Annex II of MARPOL 73/78 and the IBC Code) :
Not applicable

SECTION 15. REGULATORY INFORMATION

USA:

United States Federal Regulations:

This SDS complies with the OSHA, 29 CFR 1910.1200. The product is classified as hazardous under OSHA.

Toxic Substances Control Act (TSCA):

All of the ingredients are listed on the U.S. EPA TSCA Inventory List.

Section 302 Extremely Hazardous Substance (40 CFR 355, Appendix A):

None listed.

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SECTION 16. OTHER INFORMATION

Revision Date: May 21st 2019

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