SAFETY DATA SHEET
VF-SP Synthetic Media

Printed: 11/19/2021
Revision: 11/19/2021
Supersedes Revision: 02/27/2006

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: VF-SP Synthetic Media

Company Name: Vibra Finish Co.
8411 Seward Road
Hamilton, OH 45011

Phone Number: +1 (800)253-1941

Web site address: www.vibrafinish.com

Emergency Contact: Chemtrec +1 (800)424-9300

Product Category: Filled polymer

Intended Use: FOR INDUSTRIAL USE ONLY

2. HAZARDS IDENTIFICATION

GHS Signal Word: **None**

GHS Hazard Phrases: No phrases apply.

GHS Precautionary Phrases: No phrases apply.

GHS Response Phrases: No phrases apply.

GHS Storage and Disposal Phrases: No phrases apply.

Potential Health Effects (Acute and Chronic): No hazard expected in normal industrial use.

Additional Hazards Information This product, as supplied, is not classified as hazardous under OSHA. This product should not be used dry.

3. COMPOSITION/INFORMATION ON INGREDIENTS

CAS #	Hazardous Components (Chemical Name)	Concentration	RTECS #
1317-95-9	Silica-crystalline tripoli	30 - 40 %	VV7336000

Additional Composition Information: This product composition information is provided in the unlikely event that a dust is generated during the use of this product. In the material as supplied, these components are not readily available to create a respiration hazard.

4. FIRST AID MEASURES

Emergency and First Aid Procedures: None that are directly attributable to normal use of this material.

In Case of Inhalation: If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.

In Case of Skin Contact: Wash off with soap and plenty of water. Get medical aid if irritation develops and persists.

In Case of Eye Contact: Flush eyes with water as a precaution. If eye irritation persists, get medical advice/attention.

In Case of Ingestion: Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

Signs and Symptoms Of Exposure: The chronic health risks are associated with respirable particles of 3-4 um over protracted periods of time. This material, as supplied, is significantly larger than 3-4 um and does not pose as respiration hazard unless the material is used in a manner that generates a dust. This material should not be used dry.

Note to Physician: Treat symptomatically and supportively. Show this safety data sheet to the doctor in attendance.

5. FIRE FIGHTING MEASURES

Flash Pt: NA Method Used: Not Applicable

Explosive Limits: LEL: No data. UEL: No data.

Autoignition Pt: NA

Suitable Extinguishing Media: Use water spray, dry chemical, carbon dioxide, or appropriate foam. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Fire Fighting Instructions: As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH approved (or equivalent), and full protective gear.

Flammable Properties and Hazards: This material may burn when exposed to a fire situation. During a fire, irritating and highly toxic gases may be generated by thermal decomposition or combustion.

Hazardous Combustion Products: Fire conditions can result in the formation of carbon monoxide and carbon dioxide, and oxides of: nitrogen.

6. ACCIDENTAL RELEASE MEASURES

Protective Precautions, Protective Equipment and Emergency Procedures: Use proper personal protective equipment as indicated in Section 8.

Environmental Precautions: Do not let product enter storm drains, storm sewers, watersheds or water systems unless authorized.

Steps To Be Taken In Case Material Is Released Or Spilled: Use proper personal protective equipment as indicated in Section 8. Avoid dust formation. Avoid breathing dust. Collect for reuse or disposal if contaminated with foreign matter.

7. HANDLING AND STORAGE

Precautions To Be Taken in Handling: Avoid contact with skin and eyes. Avoid formation of dust and aerosols. Do not ingest or inhale. Provide appropriate exhaust ventilation at places where dust is formed. This product should not be used dry. Material is heavy, use proper lifting techniques.

Precautions To Be Taken in Storing: Keep container tightly closed in a dry and well-ventilated place.

Other Precautions: Keep out of reach of children. Handle in accordance with good industrial hygiene and safety practices.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

CAS #	Chemical Name	Jurisdiction	Recommended Exposure Limits	Notations
1317-95-9	Silica-crystalline tripoli	ACGIH TLV	TLV: 0.1 mg/m3 (R)	
		OSHA PELs	PEL: 50 ug/m3	

Respiratory Equipment (Specify Type): Use a NIOSH/MSHA approved respirator where dust may be generated.

Eye Protection: Safety glasses.

Protective Gloves: Handle with gloves.

Other Protective Clothing: Not required under normal use conditions.

Engineering Controls (Ventilation etc.): Good general ventilation should be sufficient to control airborne levels. Facilities storing or utilizing this material should be equipped with an eyewash facility.

Work/Hygienic/Maintenance Practices: Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical States:	[ ] Gas [ ] Liquid [X] Solid
Appearance and Odor:	Appearance: Brown. Solid. Varying size and shape. Odor: Slight characteristic.
pH:	NA
Melting Point:	NA
Boiling Point:	NA
Flash Pt:	NA Method Used: Not Applicable
Evaporation Rate:	NA
Flammability (solid, gas):	No data available.
Explosive Limits:	LEL: No data. UEL: No data.
Vapor Pressure (vs. Air or mm Hg):	NA
Vapor Density (vs. Air = 1):	NA
Specific Gravity (Water = 1):	NA
Density:	NA
Bulk density:	60 - 65 LB/CF
Solubility in Water:	Negligible
Saturated Vapor Concentration:	NA
Octanol/Water Partition Coefficient:	No data.
Autoignition Pt:	NA
Decomposition Temperature:	No data.
Viscosity:	NA

10. STABILITY AND REACTIVITY

Reactivity:	Not reactive at normal temperatures and pressures.
Stability:	Unstable [ ] Stable [X]
Conditions To Avoid - Instability:	None known.
Incompatibility - Materials To Avoid:	Hydrogen fluoride.
Hazardous Decomposition or Byproducts:	Fire conditions can result in the formation of carbon monoxide and carbon dioxide, and oxides of: nitrogen.
Possibility of Hazardous Reactions:	Will occur [ ] Will not occur [X]
Conditions To Avoid - Hazardous Reactions:	No data available.

11. TOXICOLOGICAL INFORMATION

Toxicological Information: Epidemiology: No information available.
Teratogenicity: No information available.
Reproductive Effects: No information available.
Mutagenicity: No information available.
Neurotoxicity: No information available.

Irritation or Corrosion: This product should not be used dry. Airborne concentrations of dusts or mists may cause irritation to the upper respiratory tract and lungs. Airborne concentrations of dusts or mists may cause irritation to the eyes. May be harmful if swallowed.

Symptoms related to Toxicological Characteristics: Handling this material with bare hands can cause abrasions. It is possible for small fragments of this material or the work piece to be propelled from the work area and strike the eye.

Chronic Toxicological Effects: The chronic health risks are associated with respirable particles of 3-4 um over protracted periods of time. This material, as supplied, is significantly larger than 3-4 um and does not pose as respiration hazard unless the material is used in a manner that generates a dust. This material should not be used dry.

Carcinogenicity/Other Information: OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA. Respirable crystalline silica is an IARC and NTP probable carcinogen based on animal studies. Additional studies are needed to determine whether the cell transforming activity of quartz is related to its carcinogenic potential.

Carcinogenicity: NTP? No IARC Monographs? No OSHA Regulated? No

12. ECOLOGICAL INFORMATION

General Ecological Information: Environmental: No information available.
Physical: No information available.

Results of PBT and vPvB assessment: No data available.

Persistence and Degradability: No data available.

Bioaccumulative Potential: No data available.

Mobility in Soil: No data available.

13. DISPOSAL CONSIDERATIONS

Waste Disposal Method: Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. US EPA guidelines for the classification determination are listed in 40 CFR Parts 261. Additionally, waste generators must consult state and local hazardous waste regulations to ensure complete and accurate classification. Observe all federal, state, and local environmental regulations.

14. TRANSPORT INFORMATION

LAND TRANSPORT (US DOT):

DOT Proper Shipping Name: Not regulated as a hazardous material.
DOT Hazard Class:
UN/NA Number:

15. REGULATORY INFORMATION

EPA SARA (Superfund Amendments and Reauthorization Act of 1986) Lists

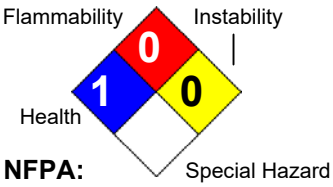
CAS #	Hazardous Components (Chemical Name)	S. 302 (EHS)	S. 304 RQ	S. 313 (TRI)
1317-95-9	Silica-crystalline tripoli	No	No	No

CAS #	Hazardous Components (Chemical Name)	Other US EPA or State Lists
1317-95-9	Silica-crystalline tripoli	TSCA: No; CA PROP.65: No; CA TAC, Title 8: No; MA Oil/HazMat: No; MI CMR, Part 5: No; NC TAP: No; NJ EHS: No; NY Part 597: No; PA HSL: Yes - 1; SC TAP: No; WI Air: No

16. OTHER INFORMATION

Revision Date: 11/19/2021 **Previous revision:** 02/27/2006

Hazard Rating System:



NFPA:

Additional Information: 11/19/2021 Updated to OSHA GHS format.

Company Policy or Disclaimer: Vibra Finish company cannot anticipate all conditions which this information and our products, or the products of other manufacturers in combination with our products may be used. We accept no responsibility for results obtained by the application of this information, either alone or in combination with other products. Users are advised to make their own tests to determine the safety and suitability of each such product or product combination for their own purposes. Unless otherwise agreed in writing, buyers and users assume all responsibility and liability for loss or damage arising from the handling and use of our products, whether alone or in combination with other products.