

SAFETY DATA SHEET  
Regulation (EC) No 1907/2006 (REACH) and 2015/830

**Section 1. Identification of the Substance/Mixture and of the Company/Undertaking**

**1.1 Product Identifier**

Product Name: Sil Pak™, Part A

**1.2 Relevant Identified Uses of the Substance or Mixture and Uses Advised Against**

Product Use: Hoof repair materials

**1.3 Details of the Supplier of the Safety Data Sheet**

Manufacturer: Vettec, Inc.  
1717 W. Collins Ave.  
Orange, CA 92867-5422  
U.S.A.

**1.4 Emergency Telephone Number**

CHEMTREC: 1-703-527-3887 (Outside the US)

CHEMTREC 1-800-424-9300 (In the US)

Information Phone Number: 1-800-841-1428 (Customer Service)

SDS Date of Preparation/Revision: April 29, 2019

**Section 2. Hazards Identification**

**2.1 Classification of the Substance or Mixture**

**GHS Classification:**

Not Hazardous

**2.2 Label Elements**

None Required

**2.3 Other Hazards:** None

**Section 3. Composition/Information On Ingredients**

**3.1 Mixture**

Component	CAS No./ EC No.	Amount	GHS Classification
Silica, amorphous	112926-00-8	20-25%	Not hazardous

**Section 4. First Aid Measures**

**4.1 Description of First Aid Measures**

**Eyes:** Flush eyes with plenty of water. Remove contact lenses, if present, then continue rinsing. If irritation persists,

seek medical advice.

**Skin:** Wash thoroughly with soap and water. If skin irritation develops and persists, seek medical attention.

**Inhalation:** Remove source(s) of contamination and move victim to fresh air. If breathing has stopped, give artificial respiration, then oxygen if needed. Contact physician immediately.

**Ingestion:** If swallowed, get medical advice by calling a Poison Control Center or hospital emergency room. Do not induce vomiting unless directed to do so by a medical professional. Never give anything by mouth to an unconscious person.

**4.2 Most Important symptoms and effects, both acute and delayed:** None expected.

**4.3 Indication of any immediate medical attention and special treatment needed:** No immediate medical attention is required.

## Section 5. Firefighting Measures

**5.1 Extinguishing Media:** Use water spray or fog, foam or dry chemical. Cool fire exposed containers with water.

**5.2 Special Hazards arising from the Substance or Mixture:** Combustion may produce silica, carbon monoxide, and carbon dioxide.

**5.3 Advice for Firefighters:** Firefighters should wear positive pressure self-contained breathing apparatus and full protective clothing for fires in areas where chemicals are used or stored. Do not allow run-off from firefighting to enter drains or water courses. Decontaminate equipment and protective clothing before reuse.

## Section 6: Accidental Release Measures

**6.1 Personal Precautions, Protective Equipment and Emergency Procedures:** Wear appropriate protective clothing as described in Section 8. Isolate the area and prevent access. Ventilate the area.

**6.2 Environmental Precautions:** Avoid release to the environment. Report spill as required by local and federal regulations.

**6.3 Methods and Material for Containment and Cleaning Up:** Prompt cleanup and removal are necessary. Only properly protected personnel should remain in the spill area; dike and contain spill; absorb or scrape up excess into suitable container for disposal; wash area with dilute ammonia solution. Stop or reduce discharge if it can be done safely.

### 6.4 Reference to Other Sections:

Refer to Section 8 for personal protective equipment and Section 13 for disposal information.

## Section 7. Handling and Storage

**7.1 Precautions for Safe Handling:** Do not breathe vapors or mists. Use only with adequate ventilation. Avoid contact with eyes, skin and clothing. Wear appropriate eye and skin protection. Wash thoroughly after handling. Do not remove contaminated clothing from work area.

Empty containers retain product residues which can be hazardous. Follow all SDS precautions when handling empty

containers.

**7.2 Conditions for Safe Storage, Including any Incompatibilities:** Store in a dry, well ventilated area, away from direct sunlight and other incompatible materials. Store in tightly closed containers to prevent moisture contamination. Do not reseal if contamination is suspected. Do not store in unlabeled containers.

**7.3 Specific end use(s):** Hoof repair materials.

## Section 8. Exposure Controls/Personal Protection

### 8.1 Control Parameters:

Chemical	Exposure Limit
Silica, amorphous	10 mg/m <sup>3</sup> TWA ACGIH TLV (as dust)
	20 mg/m <sup>3</sup> TWA UK OEL (as dust)

### 8.2 Exposure Controls:

**Recommended Monitoring Procedures:** Contact professional occupational hygienist for monitoring.

**Appropriate Engineering Controls:** Use with adequate general or local exhaust ventilation to maintain exposures below the occupational exposure limits. If ventilation is not adequate, use respiratory protection equipment. When dispensing product pneumatically, the proper shielding is to be affixed to dispenser.

### Personal Protective Measurers

**Respiratory Protection:** None under normal use conditions with adequate ventilation. For operations where the occupational exposure limits are exceeded, a NIOSH approved respirator with particulate filter is recommended. Equipment selection depends on contaminant type and concentration. Follow OSHA respirator regulations 29 CFR 1910.134 and European Standards EN 141, 143 and 371; wear an MSHA/NIOSH or European Standards EN 141, 143 and 371 approved respirators equipped with organic vapor cartridges. For firefighting, use self-contained breathing apparatus.

**Hand protection:** Impervious gloves such as butyl rubber, neoprene or PVC are recommended. Select in accordance with EU standard EN 374.

**Eye Protection:** Safety glasses with side shields per OSHA eye- and face-protection regulations 29 CFR 1910.133 and European Standard EN 166. Contact lenses are not eye protective devices. Appropriate eye protection must be worn instead of, or in conjunction with contact lenses.

**Skin Protection:** Wear protective clothing as needed to avoid skin contact.

**Other protection:** Wash contaminated clothing or dispose of properly. A safety shower and eye wash should be available in the immediate work area.

## Section 9. Physical and Chemical Properties

### 9.1 Information on Basic Physical and Chemical Properties:

Appearance:	Viscous red liquid	Vapor Pressure:	None (Polymeric Resin)
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Odor:	Mild to sweet odor.	Vapor Density:	>1 (air = 1)
Odor Threshold:	Not available	Relative Density /Specific Gravity:	1.07
pH:	Not applicable	Solubility in Water:	Insoluble
Melting/Freezing Point:	Not available	Partition Coefficient: (n-octanol/water)	Not applicable
Initial Boiling Point/Range:	Not available	Auto-ignition Temperature:	Not applicable
Flash Point:	>300°F	Decomposition Temperature:	Not applicable
Evaporation Rate:	Not available	Viscosity:	5,000 – 50,000 centipoise
Flammability: (solid/gas)	f.p. at or above 200°F	Explosive Properties:	None
Flammable/ Explosive Limits:	Not applicable	Oxidizing Properties:	None

**9.2 Other Information:** None

### Section 10. Stability and Reactivity

**10.1 Reactivity:** The product is not expected to be reactive.

**10.2 Chemical Stability:** Stable under normal storage and handling conditions.

**10.3 Possibility of Hazardous Reactions:** Hazardous polymerization will not occur.

**10.4 Conditions to Avoid:** Avoid strong bases and acids.

**10.5 Incompatible Materials:** Strong bases and acids.

**10.6 Hazardous Decomposition Products:** Thermal oxidative decomposition will produce carbon oxides and traces of incompletely burned carbon compounds.

### Section 11. Toxicological Information

#### 11.1 Information on Toxicological Effects:

##### Potential Health Effects:

**Inhalation:** Inhalation of vapors or mists may cause mucous membrane and respiratory irritation. Inhalation of mists may cause an allergic reaction. Symptoms may be delayed for several hours after exposure.

**Skin Contact:** May cause irritation with redness, itching and swelling.

**Eye Contact:** May cause irritation with redness, tearing, stinging and swelling.

**Ingestion:** Swallowing may cause gastrointestinal irritation abdominal pain, nausea, vomiting and diarrhea.

**Acute Toxicity Values:** No data available.

**Skin corrosion/irritation:** No data available.

**Eye damage/ irritation:** No data available.

**Skin Sensitization:** No data available.

**Respiratory Sensitization:** No data available.



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**Germ Cell Mutagenicity:** No data available.

**Carcinogenicity:** No data available.

**Developmental / Reproductive Toxicity:** No data available.

**Specific Target Organ Toxicity (Single Exposure):** No data available.

**Specific Target Organ Toxicity (Repeated Exposure):** No data available.

**Aspiration Toxicity:** No data available.

**Section 12. Ecological Information**

**12.1 Toxicity:** No data available.

**12.2 Persistence and Degradability:** No data available.

**12.3 Bioaccumulative Potential:** No data available.

**12.4 Mobility in Soil:** No data available.

**12.5 Results of PBT and vPvB assessment:** This product is not a PBT and vPvB.

**12.6 Other Adverse Effects:** None known.

**Section 13. Disposal Considerations**

**13.1 Waste Treatment Methods:**

Dispose of contents and container in accordance with all local and national regulations.

Empty containers retain product residue which may exhibit hazards of material, therefore to not pressurize, cut, glaze, weld or use for any other purposes. Return drums to reclamation centers for proper cleaning and reuse.

**Section 14. Transport Information**

	<b>14.1 UN Number</b>	<b>14.2 UN Proper Shipping Name</b>	<b>14.3 Transport Hazard Class(es)</b>	<b>14.4 Packing Group</b>	<b>14.5 Environmental Hazards</b>
<b>US DOT</b>	None	Not Regulated	None	None	None
<b>EU ADR/RID</b>	None	Not Regulated	None	None	None
<b>IMDG</b>	None	Not Regulated	None	None	None
<b>IATA/ICAO</b>	None	Not Regulated	None	None	None

**14.6 Special Precautions for User:** None identified

**14.7 Transport in Bulk According to Annex III MARPOL 73/78 and the IBC Code:** Not applicable

**Section 15. Regulatory Information**

**15.1 Safety, Health and Environmental Regulations/Legislation Specific for the Substance or Mixture**

**16. Other Information**

**Effective Date:** April 29, 2019  
**Supersedes Date:** New SDS  
**Revision Summary:** New SDS

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