

### 1. Product and Company Identification

**Product Code:** C961  
**Product Name:** Black Ox-High Temp Silicone  
**Company Name:** CYCLO INDUSTRIES, INC.  
902 SOUTH US HIGHWAY 1  
JUPITER, FL 33477  
**Phone Number:** (800)843-7813

**Web site address:** www.cyclo.com  
**Email address:** ehs@cyclo.com

**Emergency Contact:** First Aid Emergency (800)752-7869  
CHEMTREC (703) 527-3887 (800)424-9300

**Information:** First Aid Emergency (Outside U.S.) (312)906-6194

### 2. Hazards Identification

**Skin Corrosion/Irritation, Category 2**  
**Serious Eye Damage/Eye Irritation, Category 1**  
**Skin Sensitization, Category 1**  
**Specific Target Organ Toxicity (single exposure), Category 3**



**GHS Signal Word:** **Danger**

**GHS Hazard Phrases:** H315: Causes skin irritation.  
H318: Causes serious eye damage.  
H317: May cause an allergic skin reaction.  
H335: May cause respiratory irritation.

**GHS Precaution Phrases:** P264: Wash hands thoroughly after handling.  
P280: Wear protective gloves/protective clothing/eye protection/face protection.  
P362+364: Take off contaminated clothing and wash it before reuse.  
P261: Avoid breathing dust/fume/gas/mist/vapours/spray.  
P272: Contaminated work clothing should not be allowed out of the workplace.  
P271: Use only outdoors or in a well-ventilated area.

**GHS Response Phrases:** P301+330+331: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.  
P304+340: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.  
P303+361+353: IF ON SKIN (or hair): Remove/take off immediately all contaminated clothing. Rinse skin with water/shower.  
P363: Wash contaminated clothing before reuse.  
P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P309+311: Call a POISON CENTER or doctor/physician if exposed or you feel unwell.

**GHS Storage and Disposal Phrases:** P501: Dispose of contents/container in accordance with local/regional/national/international regulation.  
P405: Store locked up.  
P403+233: Store container tightly closed in well-ventilated place.



**Potential Health Effects  
(Acute and Chronic):**

### 3. Composition/Information on Ingredients

CAS #	Hazardous Components (Chemical Name)	Concentration
1317-65-3	Calcium Carbonate	35.0 -50.0 %
7631-86-9	Silica	10.0 %
22984-54-9	2-Butanone, O,O',O''-(methylsilylidyne)trioxime	3.0 -5.0 %
2224-33-1	Vinyl oximinosilane	0.0 -1.0 %

### 4. First Aid Measures

**Emergency and First Aid Procedures:** If swallowed do not induce vomiting. Rinse mouth. If inhaled, remove to fresh air. In case of skin contact, remove material from skin immediately. Wash skin with soap and water. If in eyes, rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call physician immediately if adverse reaction occurs.

### 5. Fire Fighting Measures

**Flash Pt:** NP  
**Explosive Limits:** LEL: No data. UEL: No data.  
**Autoignition Pt:** No data.  
**Suitable Extinguishing Media:** Dry chemical, foam or water spray on large fires. Carbon dioxide, dry chemical or water spray on small fires. Water can be used to cool fire exposed containers.  
**Fire Fighting Instructions:** Wear a NIOSH approved self-contained breathing apparatus operated in pressure-demand or other positive pressure when fighting fires. Sealed containers may rupture explosively if exposed to heat.  
**Flammable Properties and Hazards:** No data available.

### 6. Accidental Release Measures

**Steps To Be Taken In Case Material Is Released Or Spilled:** Scraped up and contain for salvage or disposal. Keep container closed. Clean up area as appropriate since some silicone materials, even in small quantities, may present a slip hazard. Final cleaning may require the use of steam, solvents or detergents.

### 7. Handling and Storage

**Precautions To Be Taken in Handling:** Wash hands thoroughly after handling. Wear protective gloves/protective clothing/eye protection/face protection. Take off contaminated clothing and wash it before reuse. Avoid breathing dust/fume/gas/mist/vapours/spray. Contaminated work clothing should not be allowed out of the workplace. Use only outdoors or in a well-ventilated area. Keep out of the reach of children.  
**Precautions To Be Taken in Storing:** Store in a tightly closed container away from water or moisture.

### 8. Exposure Controls/Personal Protection

CAS #	Partial Chemical Name	OSHA TWA	ACGIH TWA	Other Limits
1317-65-3	Calcium Carbonate	No data.	No data.	No data.
7631-86-9	Silica	No data.	No data.	No data.
22984-54-9	2-Butanone, O,O',O''-(methylsilylidyne)trioxime	No data.	No data.	No data.



# SAFETY DATA SHEET

## Black Ox-High Temp Silicone

Revision: 09/24/2014  
Supersedes Revision: 10/19/2012

2224-33-1 Vinyl oximosilane

No data.

No data.

No data.

**Respiratory Equipment (Specify Type):** NIOSH/MSHA approved respirator when exposure is expected to exceed applicable limits.

**Eye Protection:** Safety glasses as a minimum.

**Protective Gloves:** Use Silver Shield, 4h, butyl rubber, natural rubber, neoprene rubber or nitrile rubber.

**Other Protective Clothing:** No data available.

**Engineering Controls (Ventilation etc.):** No data available.

### 9. Physical and Chemical Properties

**Physical States:** [ ] Gas [ X ] Liquid [ X ] Solid

**Appearance and Odor:** Black silicone elastomer paste with mild oxime odor.

**Melting Point:** No data.

**Boiling Point:** NP

**Autoignition Pt:** No data.

**Flash Pt:** NP

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

**Specific Gravity (Water = 1):** 1.38

**Vapor Pressure (vs. Air or mm Hg):** NP

**Vapor Density (vs. Air = 1):** NP

**Evaporation Rate:** No data.

**Solubility in Water:** < 0.1

**pH:** NP

**Percent Volatile:** 1.5 % by weight.

### 10. Stability and Reactivity

**Stability:** Unstable [ ] Stable [ X ]

**Conditions To Avoid - Instability:** No data available.

**Incompatibility - Materials To Avoid:** Strong oxidizers, water, moisture or humid air.

**Hazardous Decomposition Or Byproducts:** Thermal breakdown of this product during fire or very high heat conditions may evolve the following hazardous decomposition products: metal oxides, carbon oxides and traces of incompletely burned carbon compounds, nitrogen oxides, formaldehyde.

**Possibility of Hazardous Reactions:** Will occur [ ] Will not occur [ X ]

**Conditions To Avoid - Hazardous Reactions:** No data available.



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### 11. Toxicological Information

**Toxicological Information:** No data available.

CAS #	Hazardous Components (Chemical Name)	NTP	IARC	ACGIH	OSHA
1317-65-3	Calcium Carbonate	n.a.	n.a.	n.a.	n.a.
7631-86-9	Silica	Known	3	n.a.	n.a.
22984-54-9	2-Butanone, O,O',O''-(methylsilyldiylne)trioxime	n.a.	n.a.	n.a.	n.a.
2224-33-1	Vinyl oximinosilane	n.a.	n.a.	n.a.	n.a.

### 12. Ecological Information

No data available.

### 13. Disposal Considerations

**Waste Disposal Method:** Dispose of contents/container in accordance with local/regional/national/international regulation.

### 14. Transport Information

**LAND TRANSPORT (US DOT):**

**DOT Proper Shipping Name:** Not-Restricted

**DOT Hazard Class:**

**UN/NA Number:**

**LAND TRANSPORT (European ADR/RID):**

**ADR/RID Shipping Name:** Not-Restricted

**UN Number:**

**Hazard Class:**

**MARINE TRANSPORT (IMDG/IMO):**

**IMDG/IMO Shipping Name:** Not-Restricted

**AIR TRANSPORT (ICAO/IATA):**

**ICAO/IATA Shipping Name:** Not-Restricted

### 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)
1317-65-3	Calcium Carbonate	No	No	No
7631-86-9	Silica	No	No	No
22984-54-9	2-Butanone, O,O',O''-(methylsilyldiylne)trioxime	No	No	No
2224-33-1	Vinyl oximinosilane	No	No	No

**CAS # Hazardous Components (Chemical Name)**

**Other US EPA or State Lists**

1317-65-3	Calcium Carbonate	CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory; CA PROP.65: No; CA TAC, Title 8: No; MA Oil/HazMat: No; MI CMR, Part 5: No; NC TAP: No; NJ EHS: Yes - 4001; NY Part 597: No; PA HSL: Yes - 1; SC TAP: No; WI Air: No
7631-86-9	Silica	CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory; CA PROP.65: No; CA TAC, Title 8: TAC, Title 8; 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
22984-54-9	2-Butanone, O,O',O''-(methylsilyldiylne)trioxime	CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes -



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2224-33-1 Vinyl oximinosilane

Inventory; 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: No; SC TAP: No; WI Air: No  
CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes -  
Inventory; 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: No; SC TAP: No; WI Air: No

**CAS # Hazardous Components (Chemical Name)**

**International Regulatory Lists**

1317-65-3 Calcium Carbonate

Canadian DSL: No; Canadian NDSL: Yes; Taiwan TCSCA: Yes

7631-86-9 Silica

Canadian DSL: Yes; Canadian NDSL: No; Taiwan TCSCA: Yes

22984-54-9 2-Butanone, O,O',O''-(methylsilyldiylne)trioxime

Canadian DSL: Yes; Canadian NDSL: No; Taiwan TCSCA: Yes

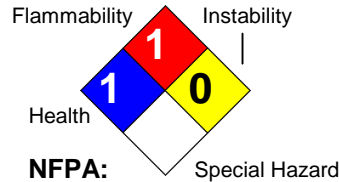
2224-33-1 Vinyl oximinosilane

Canadian DSL: Yes; Canadian NDSL: No; Taiwan TCSCA: Yes

### 16. Other Information

Revision Date: 09/24/2014

Hazard Rating System:



Additional Information About This Product: No data available.

This Product:

Company Policy or

Disclaimer:

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