



BLACK SWAN MFG. CO.

MATERIAL SAFETY DATA SHEET



SECTION 1 - IDENTIFICATION

Manufacturer: Black Swan Manufacturing Co. 4540 W. Thomas Street Chicago, IL 60651-3318 Telephone: 1-800-252-5796 Fax: 1-773-227-3705 Web Site: www.blackswanmfg.com E-mail: info@blackswanmfg.com	For any transportation or medical chemical emergencies call: <p style="text-align: center;">INFOTRAC</p> <p style="text-align: center;">(800) 535-5053 <u>OR</u> (352) 323-3500</p> <p style="text-align: center;">24 hours per day - 7 days a week</p>
Product Name: <p style="text-align: center;">Silicone Sealant - Clear</p>	Recommended Use: <p style="text-align: center;">Sealant for indoor or outdoor use. Ideal for use in bathtubs, shower stalls, vanities, windows, etc.</p>

SECTION 2 - HAZARD(S) IDENTIFICATION

<p style="text-align: center;"><u>NFPA</u></p> <div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p>HEALTH HAZARD</p> <p>4 Deadly 3 Extreme Danger 2 Hazardous 1 Slightly Hazardous 0 Normal Material</p> </div> <div style="width: 45%;"> <p>FIRE HAZARD Flash Points</p> <p>4 Below 73°F (Boiling pt. below 100°F) 3 Below 73°F (Boiling pt. at/above 100°F) and/or at/above 73°F - not exceeding 100°F 2 Above 100°F, Not exceeding 200°F 1 Above 200°F 0 Will not burn</p> </div> </div> <div style="text-align: center; margin: 10px 0;"> </div> <div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p>SPECIFIC HAZARD</p> <p>Oxidizer OX Use NO WATER W Simple Asphyxiant SA</p> </div> <div style="width: 45%;"> <p>INSTABILITY</p> <p>4 May detonate 3 Shock and heat may detonate 2 Violent chemical changes 1 Unstable if heated 0 Stable</p> </div> </div>	<p style="text-align: center;"><u>HMIS</u></p> <table style="width: 100%;"> <tr> <td style="background-color: #000080; color: white; padding: 2px;">HEALTH</td> <td style="border: 1px solid black; text-align: center; width: 30px;">1</td> <td rowspan="4" style="vertical-align: middle; padding-left: 20px;"> 0 Minimal Hazard 1 Slight Hazard 2 Moderate Hazard 3 Serious Hazard 4 Severe Hazard </td> </tr> <tr> <td style="background-color: #FF0000; color: white; padding: 2px;">FLAMMABILITY</td> <td style="border: 1px solid black; text-align: center;">1</td> </tr> <tr> <td style="background-color: #FFD700; padding: 2px;">REACTIVITY</td> <td style="border: 1px solid black; text-align: center;">0</td> </tr> <tr> <td style="border: 1px solid black; padding: 2px;">PPE</td> <td style="border: 1px solid black; text-align: center;">A</td> </tr> </table>	HEALTH	1	0 Minimal Hazard 1 Slight Hazard 2 Moderate Hazard 3 Serious Hazard 4 Severe Hazard	FLAMMABILITY	1	REACTIVITY	0	PPE	A
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FLAMMABILITY	1									
REACTIVITY	0									
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<p style="text-align: center;"><u>Health</u></p> <p>Acute Toxicity: N/A Skin Corrosion: N/A Eye Irritation: N/A Skin Sensitization: NO</p>	<p style="text-align: center;"><u>Environmental</u></p> <p>Acute Toxicity: N/A Chronic Toxicity: N/A</p>	<p style="text-align: center;"><u>Physical</u></p> <p>Flammability: N/A Other: N/A</p>
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<p style="text-align: center;"><u>Hazardous Statement</u></p> <p style="text-align: center;">None.</p>	<p style="text-align: center;"><u>Precautionary Statement</u></p> <p style="text-align: center;">Uncured sealant may cause skin, eye and respiratory system irritation. Use only in well ventilated areas. Keep out of reach of children and pets. Do not take internally.</p>
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SECTION 3 - COMPOSITION / INFORMATION ON INGREDIENTS

<u>Hazardous Chemicals</u>	<u>CAS #</u>	<u>EINECS#</u>	<u>Approx %</u>
METHYLTRIAACETOXYSILANE	4253-34-3	224-221-9	1-5%

*Title III Section 313 Supplier Notification: This product contains toxic chemicals subject to the reporting requirement of Section 313 of the Emergency Planning and Community Right-to-Know Act of 1986 and of 40CFR372. This information must be included in all MSDS's that are copied and distributed for this material.

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SECTION 4 - FIRST-AID MEASURES

NOTE TO PHYSICIAN: Treatment is symptomatic and supportive.

- Inhalation:** If inhaled, remove to fresh air. If not breathing give artificial respiration using a barrier device. If breathing is difficult give oxygen. Get medical attention.
- Skin:** To clean from skin, remove completely with a dry cloth or paper towel, before washing with detergent and water. Get medical attention if irritation persists.
- Eyes:** In case of contact, immediately flush eyes with plenty of water for at least 15 minutes and get medical attention if irritation persists.
- Ingestion:** Do not induce vomiting. If victim is conscious, give 1-3 glasses of water. Never give anything by mouth to an unconscious person. Get medical attention if irritation persists.

SECTION 5 - FIRE-FIGHTING MEASURES

<u>Extinguishing Media</u>		<u>Specific Hazards</u>	<u>Protective Equipment</u>
<u>Suitable</u> Any extinguishing agent.	<u>Unsuitable</u> -----	None.	None.
<u>Special Firefighting Procedures</u> Firefighters must wear NIOSH/MSHA approved positive pressure self-contained breathing apparatus with full face mask and full protective clothing.			

SECTION 6 - ACCIDENTAL RELEASE MEASURES

- Personal Precautions:** Wash walking surfaces with detergent and water to reduce slipping hazard.
- Protective Equipment:** As specified in the protective equipment section.
- Emergency Procedures:** None.
- Environmental Precautions:** None.
- Methods for Cleaning-Up:** Wipe, scrape or soak up in an inert material and put in a container for disposal.
- Other Precautions:** None.

SECTION 7 - HANDLING AND STORAGE

<u>Handling</u>	<u>Storage</u>
Avoid contact with skin and eyes. Use only in well-ventilated areas. Remove contact lenses before using sealant. Do not handle lenses until all sealant has been cleaned from the fingertips, nails and cuticles. Residual sealant may remain on fingers for several days and transfer to lenses and cause severe eye irritation. Product releases acetic acid during application and curing. Use mechanical ventilation to stay below TLV of 10 ppm acetic acid. Keep away from children.	Store away from heat, sources of ignition, and incompatibles. Keep containers tightly closed in a dry, cool and well-ventilated location.

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SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

OSHA Exposure Limits

Hazardous Components
METHYLTRIAACETOXYSILANE

ACGIH-TLV
N/A

OSHA-PEL
N/A

Personal Protective Equipment

Respiratory Protection: If exposure limits are exceeded or respiratory irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Supplied air respirators may be required for non-routine or emergency situations. Respiratory protection must be provided in accordance with OSHA regulations (see 29CFR 1910.134).

Ventilation: None.

Other Protective Equipment:

<u>Protective Gloves</u> Rubber Gloves.	<u>Eyes and Face Protection</u> Safety Glasses.	<u>Other Protective Equipment</u> Wear suitable protective clothing and eye/face protection.
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Other Precautions: None.

Engineering Controls

Eyewash stations; Showers; Exhaust ventilation.

SECTION 9 - PHYSICAL & CHEMICAL PROPERTIES

<p>Appearance: Translucent</p> <p>Odor: Acetic Acid</p> <p>Odor Threshold: N/A</p> <p>pH: N/A</p> <p>Melting/Freezing Point: N/A</p> <p>Boiling Point: N/A</p> <p>Boiling Range: N/A</p> <p>Flash Point: >93°C; 199°F</p> <p>Evaporation Rate: N/A</p> <p>Flammability: N/A</p> <p>Flammability Limits: LEL:N/A ; UEL:N/A</p>	<p>Volatile by Volume: N/A</p> <p>Vapor Pressure: N/A</p> <p>Vapor Density: N/A</p> <p>Relative Density: N/A</p> <p>Solubility: Insoluble</p> <p>Partition Coefficient: n-octanol/water: N/A</p> <p>Auto-ignition Temperature: N/A</p> <p>Specific Gravity (H2O=1): 1.04</p> <p>Viscosity: N/A</p> <p>VOC: 36 g/l</p>
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SECTION 10 - STABILITY AND REACTIVITY

<u>Stability</u>	<u>Hazardous Polymerization</u>	<u>Conditions To Avoid</u>
Stable Unstable	May Occur Will Not Occur	None know.
<input checked="" type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input checked="" type="checkbox"/>	
<u>Incompatible Materials</u>		<u>Hazardous Decomposition Products</u>
None known.		Carbon Dioxide (CO ₂); Carbon Monoxide; Acetic Acid; Silicone Dioxide; Formaldehyde.

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SECTION 11 - TOXICOLOGICAL INFORMATION

Likely Routes of Exposure

Inhalation
Skin Contact
Eye Contact
Ingestion

Symptoms/Effects

Causes mild respiratory tract irritation. Applies to uncured state.
Uncured product contact will irritate lips, gums and tongue.
Eye irritation on contact with the uncured product.
Harmful if swallowed.

Long-Term Effects: None known.

Hazardous Components

METHYLTRICETOXYSILANE

Toxicity

LD50

N/A

LC50

N/A

SECTION 12 - ECOLOGICAL INFORMATION

Ecotoxicity: None.
Persistence & Degradability: None.
Bioaccumulative Potential: None.
Mobility in Soil: None.
Other Adverse Effects: None.

SECTION 13 - DISPOSAL CONSIDERATIONS

Disposal should be made in accordance with federal, state and local regulations.

SECTION 14 - TRANSPORTATION INFORMATION

D.O.T. (U.S.) : Not Regulated.

SECTION 15 - REGULATORY INFORMATION

None.

SECTION 16 - OTHER INFORMATION

Disclaimer:

Information on this form is furnished solely for the purpose of compliance with the Occupational Safety and Health Act and shall not be used for any other purpose. Black Swan Manufacturing Co. urges the customers receiving this Material Safety Data Sheet to study it carefully to become aware of the hazards, if any, of the product involved. In the interest of safety, you should notify your employees, agents, and contractors of the information on the sheets.

Revision Date:

JULY 2010