

SAFETY DATA SHEET

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Chemical Name: BLACKHAWK

Application: Sealant

Product Number: 1038

UN-Number: 1950

Manufacturer Information: Sunrise Environmental Scientific
Remit: PO Box 10207 Reno, NV 89510
Physical: 1175 Industrial Way Sparks, NV 89431
Phone Number: 775-359-8494 or 800-648-1153

Emergency Phone No.
Chemtrec: 1-800-424-9300

Pages: 4

Web: SUNRISENV.COM

2. HAZARDS IDENTIFICATION

Emergency Overview:

Signal Word: DANGER

Extremely flammable aerosol. Causes serious eye irritation.

Potential Health Effects:

Inhalation: Inhalation of mist may cause irritation of nasal and respiratory passages.

Skin Contact: Serious eye damage/irritation.

Ingestion: May cause digestive discomfort.



3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient:	CAS #	Component WT%	PEL	TLV	IDLH
Silica, Amorphous	7631-86-9	10%≤20%	N/D	N/D	N/D
Ethyltriacetoxysilane	17689-77-9	2.5%≤10%	N/D	N/D	N/D
Methyltriacetoxysilane	4253-34-3	2.5%≤10%	N/D	N/D	N/D
*Other components below reportable levels		60%≤80%	N/D	N/D	N/D

Comments: *Designates that a specific chemical identity and/or percentage of composition has been withheld as a trade secret.

4. FIRST AID MEASURES

Inhalation: Remove person to fresh air and position to a comfortable breathing position. Call a physician if symptoms develop or persist.

Skin Contact: Wash off with soap and water. Get medical attention immediately if irritation develops and persists. Wash contaminated clothing before reuse.

Ingestion: If swallowed: Rinse mouth. Do not induce vomiting. Contact a physician or poison control center immediately.

Eye Contact: Immediately flush with water for at least 15 minutes. After initial flushing, remove any contact lenses if present and easy to do and continue rinsing for at least 15 minutes. Seek medical attention immediately if eye irritation persists.

Additional Information: Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves.

5. FIRE FIGHTING MEASURES

Flash Point: 212°F/100°C estimated.

Upper Flammable Limit (UEL): N/A

Lower Flammable Limit (LEL): N/A

Flammability: Do not use water jets as an extinguisher, as this will spread the fire. Contents under pressure. Pressurized container may explode when exposed to heat or flame.

Auto Ignition: N/A

Rate of Burning: N/D

General Fire Hazards: Extremely flammable aerosol.

Hazardous Combustion Product: N/D

Extinguishing Media: Dry chemical powder. Foam.

Fire Fighting Equipment/Instructions: Use standard PPE including flame retardant coat, helmet with face shield, gloves, rubber boots, and in enclosed areas, SCBA.

Move containers from fire area if safe to do so. Containers should be cooled with water to prevent vapor pressure build up. For massive fire in cargo area, use unmanned hose holder or monitor nozzles, if possible. If not, withdraw and let fire burn out.

NFPA Rating: (Flammability 1) (Health 2) (Reactivity 0)

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions: Keep unnecessary personnel away. Keep people away from upwind of spill/leak. Keep out of low areas. Wear appropriate PPE and clothing during clean-up. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ventilate closed spaces before entering them. Local authorities should be advised if significant spillages cannot be contained.

Environmental Precautions: Avoid discharge into drains, water courses or onto the ground.

Method for Cleanup & Containment: Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Keep combustibles (wood, paper, oil, etc.) away from spilled material. Stop leak if safe to do so. Move cylinder to a safe and open area if the leak is irreparable. Isolate area until gas has dispersed. Scoop up used absorbent into drums or other appropriate container. Prevent entry into waterways, sewer, basements or confined areas.

Additional Information: Follow local and federal regulations with regard to chemical spills. See section 13 for waste disposal.

7. HANDLING AND STORAGE

Handling Procedure: Do not handle or store near an open flame, heat or other sources of ignition. Pressurized container: Do not pierce or burn, even after use. Do not use if spray button is missing or defective. Do not spray on a naked flame or any other incandescent material. Do not smoke while using or until sprayed surface is thoroughly dry. Do not cut, weld, solder, drill, grind, or expose containers to heat, flame, sparks, or other sources of ignition. All equipment well-ventilated areas. Wear appropriate PPE.

Storage Procedures: Pressurised container. Protect from sunlight and do not expose to temperature exceeding 50°C/ 122°F. Do not puncture, incinerate or crush. Do not handle or store near an open flame, heat or other sources of ignition. This material can accumulate static charge which may cause spark and become an ignition source. Store in a tightly closed container. Keep out of the reach of children. Store away from incompatible materials.

8. EXPOSURE CONTROL / PERSONAL PROTECTION

ACGIH Components: Use ventilation adequate to maintain TLV.

OSHA Components: No

IARC Monographs: No

NTP: No

Engineering Measures: Good general ventilation should be used.

Personal Protective Equipment (PPE): Wear safety glasses with side shields or goggles. Wear appropriate chemical gloves. Wear suitable protective clothing.

Hygiene Recommendations: When using, do not smoke. Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking and/or smoking. Routinely wash work clothing and PPE to remove contaminants.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Black Paste

Physical State: Gas in aerosol form

Vapor Pressure: N/A

Boiling Point: N/A

Solubility (H2O): N/A

Freezing Point: N/A

Odor: Vinegar scent

pH: N/A

Density: N/D

Evaporation Rate: N/A

Vapor Density: N/A

Melting Point: N/A

Specific Gravity: 1.007@25C estimated

VOC: N/A

10. STABILITY AND REACTIVITY

Reactivity: Stable and non-reactive under normal conditions of use, storage and transport.

Chemical Stability: Stable under normal conditions.

Conditions to Avoid: Avoid temperatures exceeding flash point. Contact with incompatible materials.

Incompatibility: Fluorine. Chlorine.

Hazardous Decomposition: No hazardous decomposition products are known.

Hazardous Polymerization: Will not occur.

11. TOXICOLOGICAL INFORMATION

Route of Entry: Inhalation, ingestion, skin/eye contact.

Acute Toxicity Data: Prolonged inhalation may be harmful. Harmful if swallowed. Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling and blurred vision. Causes skin burns.

OSHA: No

NTP: No

IARC Monographs: No

Carcinogenicity: No component in this product is a carcinogenic.

Chronic Toxicity: Prolonged inhalation may be harmful.

12. ECOLOGICAL INFORMATION

Ecotoxicity: Not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have harmful or damaging effect on the environment.

Persistence and Degradability: N/D

Bioaccumulative potential: N/D

Mobility in Soil: N/D

Other Adverse effects: Use caution appropriate to aerosol.

13. DISPOSAL CONSIDERATIONS

Disposal Instructions: Follow local and federal disposal regulations for this material. Do not incinerate aerosol cans.

14. TRANSPORTATION INFORMATION

US DOT Information: ORM-D CONSUMER COMMODITY CLASS 55

UN Number: UN1950

Marine Pollutant: N/D

Shipping Name: Blackhawk

Required Label: N/A

15. REGULATORY INFORMATION

Classification: Aerosol, Irritant, Flammable

Hazard Symbol: Exclamation Point, Gas Cylinder, Flame



US Federal Regulations:

OSHA'S Hazard Communication Rule, 29 CFR 1910.1200-Is a moderate eye irritant when directly sprayed in the eyes.

SARA Title III-This product does not contain chemicals component with known CAS number that exceed the threshold reporting levels established by SARA Title III, section 313.

State Regulations:

California Prop. 65-This product does not contain any chemicals known to state of California to cause cancer, birth defects, or any other reproductive harm.

16. OTHER INFORMATION

SDS History

Date Prepared: 10/01/2013

Revision Date: 07/1/2014

Contact Information:

Sunrise Environmental Scientific
Remit: PO Box 10207 Reno, NV 89510
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Phone Number: 775-359-8494 or 800-648-1153
Web: SUNRISENV.COM

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