

# SAFETY DATA SHEET

## 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Chemical Name: GUARD

Product Number: 1003

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

Web: SUNRISENV.COM

Pages: 3

Application: Clear Acrylic Coating

UN-Number: N/A

Emergency Phone No.

Chemtrec: 1-800-424-9300

## 2. HAZARDS IDENTIFICATION

Emergency Overview:

Signal Word: DANGER

Keep out of reach of children.

Potential Health Effects:

Inhalation: Excessive inhalation of vapors may cause irritation of the respiratory tract, nausea, dizziness and/or headache

Skin Contact: Prolonged contact may cause irritation and/or dryness of skin.

Ingestion: May cause serious health effects including vomiting, nausea and/or gastrointestinal irritation.



## 3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient:	CAS #	Component WT%	PEL	TLV	IDLH
PM Acetate	108-65-6	N/A	N/A	N/A	N/A
Acetone	67-64-1	N/A	N/A	750 ppm	N/A
Toluene	108-88-3	N/A	N/A	100 ppm	N/A
2-Butoxyethanol	111-76-2	N/A	N/A	25 (skin)	N/A
Propane	74-98-6	N/A	N/A	1,000 ppm	N/A

Comments: Paint in solvent base.

## 4. FIRST AID MEASURES

Inhalation: If affected by vapors, move to a well ventilated area immediately. If breathing is difficult seek physician help.

Skin Contact: Flush with water, immediately remove all contaminated clothing.

Ingestion: Do not induce vomiting and seek physician care.

Eye Contact: Immediately flush with plenty of water for at least 15 minutes. After initial flushing, remove any contact lenses and continue for at least 15 minutes and seek physician help.

Additional Information: None

## 5. FIRE FIGHTING MEASURES

Flash Point: 156°F TCC

Upper Flammable Limit (UEL): 8.9%

Lower Flammable Limit (LEL): 2.2%

Auto Ignition: N/D

Rate of Burning: N/D

General Fire Hazards: Aerosol can may explode and release flammable propellant.

Hazardous Combustion Product: May produce irritating fumes in fire.

Extinguishing Media: Foam, Co2 and/or dry chemicals.

Fire Fighting Equipment/Instructions: Use SCBA equipment.

NFPA Rating: (Flammability 4) (Health 2) (Reactivity 0)

## **6. ACCIDENTAL RELEASE MEASURES**

**Personal Precautions:** Eliminate all the ignition sources such as electrical, static, frictional sparks and pilot. Isolate the area.

**Environmental Precautions:** Isolate the spilled area. Prevent additional further leakage or spillage, if safe to do so.

**Method for Cleanup & Containment:** Wear appropriate protective equipment and clothing during the clean-up. Use non-combustible material like vermiculite, sand, clay or other absorbent material to absorb the spilled liquid.

**Additional Information:** Follow local and federal regulations with regard to chemical spills.

## **7. HANDLING AND STORAGE**

**Handling Procedure:** Avoid breathing mist or vapors. Avoid prolonged contact with skin. Avoid contact with eye. Wear suitable PPE.

Wash hands thoroughly after handling the product.

**Storage Procedures:** Keep in a well-ventilated cool place, away from open flame, heat, reactive chemicals and/or other source of ignition.

Prevent electrostatic charge build-up by using common bonding and grounding techniques.

## **8. EXPOSURE CONTROL / PERSONAL PROTECTION**

**Occupational Exposure Limits:**

**ACGIH Components:** Use ventilation adequate to maintain TLV.

**OSHA Components:** No

**Engineering Measures:** Use fan in confined area. Use local exhaust ventilation.

**Personal Protective Equipment (PPE):** Utilize suitable protective clothing, and other appropriate PPEs to protect eyes and hands.

**Hygiene Recommendations:** Use caution appropriate to Aerosols in use and storage. Use protective equipment (apron and boots are optional).

Consider the effect of exposure potentials, handling practices, chemical concentration and ventilation.

## **9. PHYSICAL AND CHEMICAL PROPERTIES**

**Appearance:** Clear liquid paint

**Physical State:** Liquid

**Vapor Pressure:** 153.3 mmHg

**Boiling Point:** 43.7°F

**Solubility (H2O):** Slightly Soluble

**Freezing Point:** N/D

**Odor:** Ketone odor

**Evaporation rate:** 4.86

**pH:** N/D

**Density:** N/D

**Vapor Density:** 2.2

**Melting Point:** -137°F

**Specific Gravity:** 0.814

**VOC:** 0.0%

## **10. STABILITY AND REACTIVITY**

**Chemical Stability:** Stable under normal conditions.

**Conditions to Avoid:** Heat, flames and sparks.

**Incompatibility:** Oxidizing agents and strong chemicals.

**Hazardous Decomposition:** Carbon monoxide, Carbon dioxide, Phosgene and Nitrogen oxide.

**Hazardous Polymerization:** Will not occur.

## **11. TOXICOLOGICAL INFORMATION**

**Route of Entry:** Inhalation, skin ingestion and eyes.

**Acute Chronic Toxicity Data:** CNS effects includes fatigue, headache, dizziness, numbness, dermatitis in sensitive people. Eye and skin irritation.

**Harmful or fatal if swallowed.** May irritate respiratory tract.

**Carcinogenicity:** No component in this product is a carcinogenic.

**NTP:** No

**IARC Monographs:** No

**Chronic Toxicity:** Not established. Deliberate inhalation of vapors may result in, convulsions, permanent body damage cardiac arrest and death.

## 12. ECOLOGICAL INFORMATION

Ecotoxicity: N/D

Persistence and Degradability: N/D

Bioaccumulative potential: N/D

Mobility in Soil: N/D

Other Adverse effects: N/D

## 13. DISPOSAL CONSIDERATIONS

Disposal Instructions: Follow local and federal disposal regulations. As a non-hazardous liquid waste, it should be solidified with stabilizing absorbent material before disposal. Do not incinerate aerosol cans. Hazardous waste number: F001, D001.

## 14. TRANSPORTATION INFORMATION

US DOT Information: ORM-D CONSUMER COMMODITY CLASS 55

UN Number: N/A

Marine Pollutant: N/D

Shipping Name: Guard

Required Label: N/A

## 15. REGULATORY INFORMATION

Classification: Flammable, Irritant, Aerosol

Hazard Symbol: Exclamation Point, Gas Cylinder, Flame



### US Federal Regulations

OSHA'S Hazard Communication Rule, 29 CFR 1910.1200-Is a combustible liquid, moderate skin irritant, moderate eye irritant and a skin sensitizer.

SARA Title III-This product does contain chemicals subjected to the reporting requirements by SARA Title III, section 313: Acetone<52% 2 Butoxyethanol <3%, Toluene<20%.

### State Regulations

California Prop. 65

This product does contain chemicals known to state of California to cause cancer, birth defects, or any other reproductive harm.

## 16. OTHER INFORMATION

### SDS History

Date Prepared: 04/01/2014

Revision Date: 02/12/2015

Contact Information: Sunrise Environmental Scientific  
Remit: PO Box 10207 Reno, NV 89510  
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