

Safety Data Sheet

1. PRODUCT IDENTIFICATION

Product Name: On Guard
Application: Rubber and plastic dressing
Chemical Description: Silicone emulsion

Manufacturer: Vaughan Industries, Inc.
Address: 8490 Lyndon Detroit, MI 48238
Emergency Phone: 313 935 2040

2. HAZARD IDENTIFICATION



GHS CLASSIFICATION: acute toxicity, inhalation (4) skin irritation (2) serious eye damage (2)
SIGNAL WORD: Warning
HAZARD STATEMENTS: Causes skin irritation; Causes serious eye damage; Harmful if inhaled
PRECAUTION STATEMENTS: Avoid breathing dust/fume/gas/mist/vapors

3. COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENT	CAS No.	Wt%
Silicone fluid blend	63148-62-9	5-40

4. FIRST AID PROCEDURES

EYES: Flush with large amounts of water. Seek medical attention.
SKIN: Wash with water. If irritation persists, seek medical help.
RESPIRATORY: Move to fresh air. If necessary, give oxygen and seek medical attention.
INGESTION: Consult a physician.

5. FIRE HAZARD DATA

EXTINGUISHING MEDIA: Any ordinary
SPECIAL FIREFIGHTING PROCEDURE: Do not use sharp water jet.

6. ACCIDENTAL RELEASE MEASURES

ACTION FOR SPILLS: Collect as much as possible for reuse. Place remainder in suitable container for disposal.
Indicate risk of slipping. Do not walk through spilled material.

7. HANDLING AND STORAGE

VENTILATION: Equivalent to outside
RESPIRATORY PROTECTION: Normally not required
EYE PROTECTION: Safety glasses or goggles are always recommended
GLOVES: Plastic or rubber as used for washing
PROTECTIVE CLOTHING: Clean work clothes
STORAGE: Store in dry area at temperatures above freezing. Use chemical goggles and gloves when transferring concentrates

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

EXPOSURE LIMITS: n/m
ENGINEERING CONTROLS: Use with adequate ventilation. Ensure eye wash and safety shower stations are available near areas where product is used.
PERSONAL PROTECTION EQUIPMENT: Safety glasses must be worn. Maintain eye wash facilities in the work area. Wear gloves impervious to conditions of use.

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Viscous, light blue emulsion	ODOR: essentially odorless	
ODOR THRESHOLD: n/m	pH: 5.5 – 7.0	VISCOSITY: 500-1500 cps
INITIAL BOILING POINT AND RANGE: 212 °F	MELTING/FREEZING PT: 32 °F	
RELATIVE DENSITY: 0.96 – 0.98	SOLUBILITY IN WATER: dispersible	PARTITION COEFF: n-octanol/water: n/m
FLASH POINT: > 460 – 505°F	FLAMMABILITY: n/a	AUTOIGNITION TEMPERATURE: n/m
VAPOR PRESSURE: n/m	VAPOR DENSITY: Heavier than air	FLAMMABLE LIMITS: LFL: n/m UFL: n/m
EVAPORATION RATE: Slower than butyl acetate	DECOMPOSITION TEMPERATURE: n/m	

10. STABILITY AND REACTIVITY

STABILITY: Stable
HAZARDOUS POLYMERIZATION: Will not occur
INCOMPATIBILITY: Strong oxidizers

11. TOXICOLOGICAL INFORMATION

THRESHOLD LIMIT VALUE: None
PRECAUTIONARY STATEMENT: May cause eye irritation
EYE CONTACT: May cause eye irritation
SKIN CONTACT: No acute toxic effects expected
RESPIRATORY: Will cause irritation if aerosolized
INGESTION: May cause gastrointestinal irritation
MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: None known
INGREDIENTS LIST AS CARCINOGEN: None listed

12. ECOLOGICAL INFORMATION

All work practices must be aimed at eliminating environmental contamination.
ENVIRONMENTAL FATE: Bioaccumulation is not expected to be significant. This product is made from biodegradable components.
ECOLOGICAL DATA: Fish: n/m Algae: n/m Daphnia: n/m
This material is not expected to be dangerous to the environment.

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: Dispose of in accordance with all local, state and federal regulations.

14. TRANSPORTATION INFORMATION

US DEPARTMENT OF TRANSPORTATION
Proper Shipping Name: n/a Hazard Class: n/a
UN/NA Number: n/a Packing Group: n/a
Labels Required: None
Not DOT regulated

15. REGULATORY INFORMATION

SARA: This product contains no material regulated under SARA Title III Section 313.
US CERCLA REPORTABLE QUANTITY: None
US TSCA INVENTORY STATUS: The components of this product are TSCA listed.
OTHER US FEDERAL REGULATIONS: None

16. OTHER INFORMATION

The data and recommendations presented herein are based upon our research and that of others and are believed to be accurate. No guarantee of their accuracy is made, and they are distributed without warranty, express or implied. The person receiving them shall make their own determination of the suitability thereof for their particular purpose.

n/a: not available n/m: not measured

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