

Safety Data Sheet

1. PRODUCT IDENTIFICATION

Product Name: **Rain Shield**
Application: Auto Laundry
Chemical Description: Silicone polymer blend

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

2. HAZARD IDENTIFICATION

GHS CLASSIFICATION: flammable liquids (2) skin irritation (2) eye irritation (2A) reproductive toxicity (2) may be fatal if swallowed and enters airways (1) may cause drowsiness or dizziness (3) specific target organ systemic toxicity-single exposure (2) eyes central nervous system



SIGNAL WORD: Danger

HAZARD STATEMENTS: Highly flammable liquid and vapor; Causes skin irritation; Causes serious eye irritation; Suspected of damaging fertility or the unborn child; May cause damage to organs (eyes, central

nervous system); May be fatal if swallowed and enters airways; May cause respiratory irritation; May cause drowsiness or dizziness; Harmful to aquatic life

PRECAUTION STATEMENTS: Obtain special instructions before use; Do not handle until all safety precautions have been read and understood; Keep away from heat/sparks/open flame/hot surfaces. No smoking; Keep container tightly closed; Ground/bond container and receiving equipment; Use explosion proof electrical/ventilating/lighting/equipment; Use only non-sparking tools; Take precautionary measures against static discharge; Do not eat, drink or smoke when using this product; Wear protective gloves/protective clothing/eye protection/face protection; If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower; If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing; If exposed or concerned: Get medical advice/attention; If skin irritation occurs: Get medical advice/attention; If eye irritation persists: Get medical advice/attention; Take off contaminated clothing and wash before reuse; Store in a well ventilated place; Keep cool; Store locked up; Dispose of contents/container to an approved waste disposal plant; Avoid breathing dust/fume/gas/mist/vapors/spray; Wash with soap and water thoroughly after handling; Use only outdoors or in a well ventilated area; If inhaled: Remove victim to fresh air and keep at rest in a position comfortable for breathing; Call a poison center or doctor/physician if you feel unwell

3. COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENT	CAS No.	Wt%
Aminoalkoxydimethylpolysiloxane	69430-37-1	1-5
2-Propanol	67-63-0	45-70

4. FIRST AID PROCEDURES

EYES: Flush with large amounts of water. Seek medical attention.
SKIN: Wash with water. If irritation persist, 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: None

6. ACCIDENTAL RELEASE MEASURES

ACTION FOR SPILLS: Collect as much as possible for reuse. Place remainder in suitable container for disposal.

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: TLV 110 mg/m³
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: Clear, colorless liquid
pH: 4 - 5
INITIAL BOILING POINT AND RANGE: 212 °F
SOLUBILITY IN WATER: miscible
VAPOR PRESSURE: n/m
FLASH POINT: 65 °F
AUTOIGNITION TEMPERATURE: n/m
EVAPORATION RATE: Slower than butyl acetate
ODOR: solvent
ODOR THRESHOLD: n/m
VISCOSITY: n/m
RELATIVE DENSITY: 0.90 – 1.00
MELTING/FREEZING PT: n/m
PARTITION COEFF: n-octanol/water: n/m
VAPOR DENSITY: Heavier than air
FLAMMABLE LIMITS: LFL: n/m UFL: n/m
DECOMPOSITION TEMPERATURE: n/m

10. STABILITY AND REACTIVITY

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

11. TOXICOLOGICAL INFORMATION

THRESHOLD LIMIT VALUE:
PRECAUTIONARY STATEMENT: May cause eye and skin irritation
EYE CONTACT: May cause eye irritation
SKIN CONTACT: Prolonged contact can cause irritation
RESPIRATORY: Will cause irritation if aerosolized
INGESTION: May cause gastrointestinal irritation
MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: None known
INGREDIENTS LIST AS CARCINOGEN: None

12. ECOLOGICAL INFORMATION

All work practices must be aimed at eliminating environmental contamination.
ENVIRONMENTAL FATE: Bioaccumulation is not expected to be significant.
ECOLOGICAL DATA: Bluegill, 96 h, LC50, 15,400 mg/L Daphnia, 48 H, EC50, > 10,000 mg/L Algae: n/m

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
UN/NA Number: n/a
Labels Required: None
Hazard Class: n/a
Packing Group: n/a

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.
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