

Material Safety Data Sheet

E333 No-Wash™ Wax Pattern Release

Stoner

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1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Stoner Incorporated 1070 Robert Fulton Hwy. Quarryville, PA 17566 1-800-227-5538	Product Name: No-Wash™ Wax Pattern Release Product Code: E333 Version Date: 12/12/14 24-hour emergency phone: 1-800-424-9300 [CHEMTREC]
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2. COMPOSITION / INFORMATION ON INGREDIENTS

COMPONENT	CAS #	ACGIH TLV	OSHA PEL	OTHER
Halogenated hydrocarbon/ether blend	Mixture	Not established	Not established	1000ppm TWA (Mfr.)
NJ Trade Secret Registry	#80100382-5000P	Not established	Not established	Not established

3. HAZARDS IDENTIFICATION

POTENTIAL ACUTE [single or short term] HEALTH EFFECTS OF OVEREXPOSURE

Eye : May cause eye irritation. Symptoms may include stinging, tearing, and redness.
Skin : Liquid may cause frostbite. Prolonged or repeated contact with liquid can cause irritation and dermatitis. Symptoms may include redness, discomfort, drying and cracking, or rash. Skin contact may cause irritation. May be harmful if absorbed through the skin.
Ingestion : Ingestion is not considered a potential route of exposure. No evidence of harmful effects from available information.
Inhalation : Breathing small amounts during handling is not likely to cause harmful effects. Breathing large amounts may be harmful. Inhalation of concentrations above the recommended limits may cause temporary central nervous system depression with anesthetic effects such as dizziness, headache, incoordination, and loss of consciousness. Exposure to high concentrations can cause irregular heartbeat, cardiac arrest and death. Exposure to a dense atmosphere of aerosolized product, designed to evaluate intentional aerosolization, produced lung injury and delayed deaths in animals. Inhalation may cause irritation of the upper respiratory passages. Inhalation of concentrations above the recommended limits may cause CNS depression with anesthetic effects such as dizziness, headache, nausea, vomiting, & incoordination.

POTENTIAL CHRONIC [long term] HEALTH EFFECTS OF OVEREXPOSURE:

General Effects: Overexposure to vapor, aerosol or mist generated at high temperatures may result in eye and respiratory tract irritation, dizziness, nausea and the inhalation of harmful amounts of this material. Prolonged or repeated exposure can cause drying, defatting, and dermatitis of the skin. Overexposure to this material (or its components) has been suggested as a cause of the following effects in humans: Skin, lung (for example, asthma-like conditions), blood abnormalities, central nervous system damage, respiratory tract damage (nose, throat, and airways).

Cancer Information: THIS PRODUCT CONTAINS NO COMPONENTS LISTED AS CARCINOGENIC BY IARC, NTP, OR OSHA 1910(Z)

Mutagenicity: No data available to indicate product or any components present at greater than 0.1% is mutagenic or genotoxic.

MEDICAL CONDITIONS AGGRAVATED BY OVEREXPOSURE:

Individuals with preexisting diseases of the central nervous or cardiovascular system may have increased susceptibility to the toxicity of excessive exposures.

HMSI® III* HAZARDOUS WARNINGS:

Health: 1 Flammability: 2 Physical: 1 Personal Protective Equipment: See Section 8

* See www.paint.org/hmis or call the NPCA at 1 (202) 462-6272 for more information on this current rating system.

4. FIRST AID MEASURES

Eyes: Immediately flush eyes gently with plenty of water for at least 15 minutes while holding eyelids apart. If symptoms persist or there is visual difficulty, seek medical attention. Seek immediate medical attention.
Skin Contact: In case of contact, immediately wash contaminated area with plenty of water for at least 15 minutes. Seek medical attention if symptoms persist. Seek medical attention if symptoms persist. Wash clothing before reuse. For liquid contact, treat for frostbite if necessary. Wash the contaminated skin with soap and water.
Ingestion: Have victim drink 8 to 10 ounces of water to dilute the material in the stomach. Do not induce vomiting.
Inhalation: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Seek immediate medical attention.

NOTES TO PHYSICIAN:

Because of possible disturbances of cardiac rhythm, catecholamine drugs, such as epinephrine, should be used only in situations of emergency life support. This material is an aspiration hazard. Treatment is symptomatic and supportive.

5. FIRE FIGHTING MEASURES

Fire and/or Explosion Hazards: This product contains a component(s) that is considered an extremely flammable gas(es), which has vapors that are heavier than air and may travel along the ground or be moved by ventilation and ignited by heat, pilot lights, or other flames and ignition sources at locations distant from the material's handling point. This product contains a component(s) that is considered a flammable liquid, which has vapors that are heavier than air and may travel along the ground or be moved by ventilation and ignited by heat, pilot lights, or other flames and ignition sources at locations distant from the material's handling point. Containers may rupture or explode under fire conditions. Vapors are heavier than air and may travel along the ground or be moved by ventilation and ignited by heat, pilot lights, other flames and ignition sources at locations distant from material handling point. "Empty" containers retain product residue and can be dangerous.

Fire Fighting Instructions: Use CO2, foam or dry chemical. Water is generally not effective and may spread fire; however, water spray may be used from a safe distance to cool closed containers and protect surrounding area. Do not direct a solid stream of water or foam into hot burning pools, this may cause frothing and increase fire intensity. Fire fighters should wear normal protective equipment and positive-pressure self-contained breathing apparatus.

Flash Point: Not applicable °F PMCC °C PMCC

Lower Flammability Limit: Not applicable

Upper Flammability Limit: Not applicable
 Autoignition Temperature: 622 °F
 Aerosol Flame Projection Test: Non-flammable aerosol, as determined by ASTM D3065-94. However, this product contains components which may be ignited under certain circumstances. Do not use near ignition sources such as sparks or open flames.

6. ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED:

Ventilate contaminated area. Remove all sources of ignition. Wear appropriate personal protective equipment (PPE). Stop or reduce discharge if it can be done safely. Small spills can be flushed with large amounts of water; larger spills should be collected for disposal. Wear appropriate clothing. Avoid runoff into storm sewers and ditches which may lead to natural waterways. Clean up with absorbent material. Place absorbent materials into container and close it tightly. Dispose of container properly. If runoff occurs, notify authorities as required.

7. HANDLING AND STORAGE

Handling: Use with adequate ventilation. Do not use near ignition sources. Avoid prolonged or repeated contact with skin. Avoid prolonged or repeated breathing of vapor. Avoid contact with material. Avoid contact with eyes. Wear proper protective equipment. All 5 gallon and larger containers should be grounded and/or bonded when material is transferred. Do not pressurize, cut, weld, braze, solder, drill, grind, or expose such containers to heat, flame, sparks, static electricity, or other sources of ignition; they may explode and cause injury or death. Keep cans away from heat and sources of ignition.

Storage: Store in a cool, dry, well ventilated area away from all sources of ignition. Do not store at temperatures above 120 degrees F. Empty container may contain residues which are hazardous. Store away from incompatible materials such as materials that support combustion (oxidizing materials) and corrosive materials (strong acids or bases). Store away from oxygen cylinders or other oxidizing materials and possible ignition sources. Protect from atmospheric moisture.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering Controls: Ventilation should be adequate to prevent exposures above the limits indicated in "Section 2" of this MSDS (from known, suspected or apparent adverse effects).

Eye Protection: Wear chemically resistant safety glasses with side shields when handling this product. Wear additional eye protection such as chemical splash goggles and/or face shield when the possibility exists for eye contact with splashing or spraying liquid or airborne material. Do not wear contact lenses. Have an eye wash station available. Wear safety glasses when handling this product.

Skin Protection: The use of chemically resistant gloves is recommended if there is any possibility of prolonged or repeated liquid contact with skin. The use of Polyvinyl chloride coated gloves is recommended.

Respiratory Protection: A supplied air respirator should be used if ventilation is not sufficient to maintain exposure limits. Use NIOSH approved respirator where there is likelihood of inhalation of the product mist, spray or aerosol.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	Aerosol can	Vapor Density:	[air = 1] 2.01
Appearance:	Clear Colorless	Evaporation Rate:	0.1-0.5 (n-Butyl acetate = 1)
Odor:	Slight ethereal.	Solubility in Water:	Negligible; 0-1%
Specific Gravity:	0.8 (H ₂ O=1)	Boiling Point:	No data available°F
Vapor Pressure:	78.00 PSIG @ 70°F	pH:	Not applicable

10. STABILITY AND REACTIVITY

Chemical Stability: Stable.

Conditions to Avoid: Avoid contact with: Alkali. Alkaline earth metals. Freshly abraded aluminum surfaces. Powdered metals. Ignition sources such as open flames, sparks, static discharges or glowing metal surfaces. Oxidizers. Acetic acids Organic acid anhydrides. Strong bases. Strong acids. Strong oxidizing agents. Open flames and high temperatures. Materials reactive with hydroxyl compounds. Moisture.

Decomposition Products: This material can be decomposed by extremely high temperatures (open flames, glowing metal surfaces, etc.) forming hydrofluoric acid and carbonyl fluoride. If heated with peroxides present, violent decomposition can occur. Burning can produce the following combustion products: Carbon dioxide and carbon monoxide.

11. DISPOSAL CONSIDERATIONS

Disposal : Dispose according to Federal, State and local regulations.

12. TRANSPORTATION INFORMATION

Agency	Proper Shipping name	UN Number	Hazard Class	Packing Group
DOT	Aerosols, Non- Flammable†	UN1950	2.2	Not applicable
IATA	Aerosols, Non- Flammable†	UN1950	2.2	Not applicable
IMDG	Aerosols, Non- Flammable†	UN1950	2.2	Not applicable

† "Limited Quantities" may be applicable for this transportation mode.

13. REGULATORY INFORMATION

Warning: This product contains the following chemicals that are subject to reporting requirements for the following regulatory bodies listed below:

COMPONENT	CAS #	% BY WEIGHT	Regulatory Body
No components listed in this section.			
SARA Section 313			

Warning: This product may contain chemicals known to the State of California to cause cancer. See list below.

Acetaldehyde	75-07-0	0.00001- 0.0001	Prop65 Cancer
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Warning: This product may contain chemicals known to the State of California to cause birth defects. See list below.

No components listed in this section.			Prop65 Birth Defects
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All components of this product are listed on the TSCA inventory.

This information contained in this MSDS is believed to be accurate as of the version date, but is not warranted to be. Since the use of this information and the conditions of use of this product are not within the control of Stoner Inc, it is the user's obligation to determine the conditions of safe use.