

Material Safety Data Sheet

E497 Thermoset Mold 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: Thermoset Mold Release™ Product Code: E497 Version Date: 11/13/13 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
Petroleum distillates	8052-41-3	100 ppm TWA	500 ppm	Not established
Ether propellant	115-10-6	Not established	Not established	Not established
Hydrocarbon propellant	68476-86-8	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. May cause frostbite and irritation.
- Skin :** Skin contact may cause irritation. Prolonged or repeated exposure may dry the skin. Symptoms may include redness, discomfort, drying and cracking, or rash. Passage of this material into the body through the skin is possible, but it is unlikely that this would result in harmful effects during safe handling and use. Liquid may cause frostbite.
- Ingestion :** Swallowing small amounts during handling is not likely to cause harmful effects. Swallowing large amounts may be harmful. This material can enter the lungs during swallowing or vomiting and cause lung inflammation and/or damage. Frostbite of the lips and mouth may result from contact with the liquid.
- Inhalation :** Breathing small amounts during handling is not likely to cause harmful effects. Breathing large amounts may be harmful. Symptoms are more typically seen at air concentrations exceeding the recommended exposure limits. Symptoms of exposure may include: initial Central Nervous System excitation (euphoria, exhilaration, light-headedness) followed by CNS depression (dizziness, drowsiness, weakness, fatigue, nausea, headache, unconsciousness) and other CNS effects, such as confusion, impaired coordination, coma, and death. 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. May cause nausea, vomiting, coughing and pulmonary irritation.

POTENTIAL CHRONIC [long term] HEALTH EFFECTS OF OVEREXPOSURE:

General Effects: Exposure to this material (or a component) has been found to cause kidney damage in male rats. The mechanism by which this toxicity occurs is specific to the male rat and the kidney effects are not expected to occur in humans.

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.

HMS® III* HAZARDOUS WARNINGS:

Health: 1 Flammability: 4 Physical: 1 Personal Protective Equipment: See Section 8

* See www.paint.org/hms 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.
- 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.
- Ingestion:** Do not induce vomiting. Aspiration into the lungs can cause serious damage. Contact a physician, medical facility, or poison control center immediately. If vomiting occurs spontaneously, keep head below hips to prevent aspiration of liquid into lungs.
- Inhalation:** Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Seek immediate medical attention.

NOTES TO PHYSICIAN:

This material is an aspiration hazard. Because of possible disturbances of cardiac rhythm, catecholamine drugs, such as epinephrine, should be used only in situations of emergency life support. Preexisting disorders of the following organs (or organ systems) may be aggravated by exposure to this material: skin; lung (for example, asthma-like conditions);

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. Containers may rupture or explode under fire conditions.
- 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.
- Flash Point:** Not applicable °F PMCC °C PMCC
- Lower Flammability Limit:** Not applicable
- Upper Flammability Limit:** Not applicable
- Autoignition Temperature:** Not applicable
- Aerosol Flame Projection Test:** Extremely flammable aerosol, as determined by ASTM D 3065-94. 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. Avoid run-off into storm sewers and ditches which may lead to natural waterways. If runoff occurs, notify authorities as required. Clean up with absorbent material. Place absorbent materials into container and close it tightly. Dispose of container properly. Place waste material into container and close it tightly. Dispose of container properly.

7. HANDLING AND STORAGE

Handling: Do not use near ignition sources. Avoid prolonged or repeated contact with skin. Use with adequate ventilation. Avoid prolonged or repeated breathing of vapor. This material can be harmful or irritating. Normal precautions common to safe manufacturing practice should be followed in handling and storage.

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

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering Controls: Ventilation should be adequate to prevent exposures above the limits indicated in "Section 8" of this MSDS (from known, suspected or apparent adverse effects). Ventilation is required to maintain operator exposure below published exposure limits.

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.

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

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

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	Aerosol can	Vapor Density:	[air = 1] 3.91
Appearance:	White to off-white	Evaporation Rate:	0.1-0.5 (n-Butyl acetate = 1)
Odor:	Petroleum solvent	Solubility in Water:	Not determined
Specific Gravity:	0.73 (H ₂ O=1)	Boiling Point:	No data available°F
Vapor Pressure:	42.00 PSIG @ 70°F	pH:	Not applicable

10. STABILITY AND REACTIVITY

Chemical Stability: Stable.

Conditions to Avoid: Avoid contact with: Strong oxidizing agents. Ignition sources such as open flames, sparks, static discharges or glowing metal surfaces. Oxidizers. Acetic acids Organic acid anhydrides. Powdered metals.

Decomposition Products: Burning can produce the following combustion products: Carbon dioxide and carbon monoxide. Various hydrocarbons. If heated with peroxides present, violent decomposition can occur.

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, flammable *	UN1950	2.1	Not applicable
IATA	Aerosols, flammable *	UN1950	2.1	Not applicable
IMDG	Aerosols, flammable *	UN1950	2.1	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.
No components listed in this section. Prop65 Cancer

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

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.