

# Safety Data Sheet

## M806 Urethane Mold Release

# Stoner

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### 1. IDENTIFICATION

Stoner Incorporated  
1070 Robert Fulton Hwy.  
Quarryville, PA 17566  
1-800-227-5538

Product Name: Urethane Mold Release  
Product Code: M806  
Product Use: Mold Release  
24-hour emergency phone: 1-800-424-9300 [CHEMTREC]

### 2. HAZARD IDENTIFICATION

#### POTENTIAL HEALTH EFFECTS

Classification of the chemical in accordance with paragraph (d) of §1910.1200;

GHS Hazard  
Symbols



#### GHS Classification

Aspiration Hazard Category 1  
Flammable Liquid Category 2  
Skin Corrosion/Irritation Category 2  
Reproductive Toxicity Category 2  
Specific Target Organ Systemic Toxicity (STOT) - Single Exposure Category 3

#### Signal Word

Danger

#### Hazard Statements

Highly flammable liquid and vapour.  
May be fatal if swallowed and enters airways.  
Causes skin irritation.  
May cause drowsiness or dizziness.  
Suspected of damaging fertility or the unborn child.

#### Precautionary Statements

##### Prevention

Obtain special instructions before use.  
Do not handle until all safety precautions have been read and understood.  
Keep away from heat/sparks/open flames/hot surfaces. – No smoking.  
Keep container tightly closed.  
Ground/bond container and receiving equipment.  
P241 - Use explosion-proof electrical, ventilating and lighting equipment.  
Use only non-sparking tools.  
Take precautionary measures against static discharge.  
Avoid breathing dust/fume/gas/mist/vapours/spray.  
P264 - Wash thoroughly after handling.  
Use only outdoors or in a well-ventilated area.  
Wear protective gloves/protective clothing/eye protection/face protection.

##### Response

P301+P310 - If swallowed: Immediately call a poison center, doctor or medical center.  
P302+P352 - If on skin: Wash with plenty of soap and water.  
IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.  
IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.  
IF exposed or concerned: Get medical advice/attention.  
P312 - Call a poison center, doctor or medical center if you feel unwell.  
P321 - Specific treatment (see on this SDS).  
Do NOT induce vomiting.  
If skin irritation occurs: Get medical advice/attention.  
P370+P378 - In case of fire: Use proper media to extinguish.

##### Storage

Keep container tightly closed.  
Store in a well-ventilated place. Keep container tightly closed.  
Store in a well-ventilated place. Keep cool.  
Store locked up.

##### Disposal

Dispose of contents/container in accordance with local/regional/national/international regulation for hazardous wastes.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

COMPONENT	CAS #	Percent
Aliphatic hydrocarbon	64741-66-8	80 - 100
Organo functional polydimethylsiloxane	Mixture	1-20

#### HMIS® III\* HAZARDOUS WARNINGS:

Health: 2	Flammability: 3	Physical: 0	Personal Protective Equipment:	See Section 8
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\* See [www.paint.org/hmis](http://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.
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. Wash clothing before reuse.
Ingestion:	Do not induce vomiting. Aspiration into the lungs can cause serious damage. If vomiting occurs spontaneously, keep head below hips to prevent aspiration of liquid into lungs. Contact a physician, medical facility, or poison control center immediately.
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. Potential danger from aspiration must be weighed against possible oral toxicity when deciding whether to induce vomiting. 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;

### 5. FIRE FIGHTING MEASURES

Fire and/or Explosion Hazards:	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.
Fire Fighting Instructions:	Use water spray, foam, dry chemical, or CO2. Fire fighters should wear normal protective equipment and positive-pressure self-contained breathing apparatus.

### 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. Clean up with absorbent material. Place absorbent materials into container and close it tightly. Dispose of container properly. Use absorbent material to dike around small quantities of spilled material. Spills of this material are slippery; use sand or other granular material to improve traction.

### 7. HANDLING AND STORAGE

Handling:	Do not use near ignition sources. Use with adequate ventilation. Avoid prolonged or repeated breathing of vapor. Avoid prolonged or repeated contact with skin.
Storage:	Keep container tightly closed when not in use. Store in a cool, dry, well ventilated area away from all sources of ignition. Empty container may contain residues which are hazardous. Normal precautions common to safe manufacturing practice should be followed in handling and storage.

### 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering Controls:	Ventilation should be adequate to prevent exposures above the limits indicated below in this section of the SDS (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. Have an eye wash station available. The use of safety glasses with side shields is recommended if there is any probability of liquid contact with the eyes.
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:	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. If an exposure limit is exceeded or if an operator is experiencing symptoms of inhalation overexposure as explained in Section III, provide respiratory protection. If respiratory irritation develops below the recommended exposure limits, use an NIOSH approved nuisance dust/mist/organic vapor respirator.

COMPONENT	CAS #	ACGIH TLV	OSHA PEL	OTHER
Aliphatic hydrocarbon	64741-66-8	Not established	500ppm TWA	300ppm TWA-Mfr. Recommended
Organo functional polydimethylsiloxane	Mixture	Not established	Not established	Not established

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	Bulk liquid	Lower Flammability Limit (%):	0.9
Appearance:	Clear Colorless	Upper Flammability Limit (%):	6.3
Odor:	Light Hydrocarbon	Vapor Pressure (PSIG @ 70°F):	Not determined
Odor Threshold:	None	Vapor Density [air = 1]:	>1
pH:	Not applicable	Relative Density (H2O=1):	0.75
Melting/Freezing Point (°F):	No data available	Solubility in Water:	Negligible; 0-1%
Boiling Point (°F):	No data available	Partial Coefficient: n-octanol/water:	No data available
Flash Point (°F PMCC):	17.6	Autoignition Temperature (°F):	828
Evaporation Rate:	2-10 (n-Butyl acetate = 1)	Decomposition Temperature (°F):	No data available
Flammability (solid, gas):	No data available	Viscosity, dynamic (cSt):	No data available
Percent VOCs (%):	80 - 100		

## 10. STABILITY AND REACTION

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. Water. This material, or a component, hydrolyzes slowly on contact with water. Methanol is released on contact with water.
Decomposition Products:	Burning can produce the following combustion products: Carbon dioxide and carbon monoxide. Various hydrocarbons. When heated to temperatures above 150°C in the presence of air, one of the ingredients in this product can form formaldehyde vapors. Formaldehyde vapor is harmful by inhalation; irritating to eyes; sensitizer to the respiratory system; an acute toxicant and a potential cancer hazard at concentrations greater than 0.75 ppm.

## 11. TOXICOLOGICAL INFORMATION

Reproductive & Developmental Toxicity: No data available.

Ingredient	CAS #	Toxicological Data
Aliphatic hydrocarbon	64741-66-8	Dermal LD50 Rabbit > 3160 ml/kg Dermal LD50 Rabbit > 10000 ml/kg Dermal LD50 Rabbit > 1000 mg/kg Oral LD50 Rat > 4640 mg/kg Inhalation LC50 (4h) Rat > 2 mg/L Dermal LD50 Rat > 2400 mg/kg
Amino functional polydimethylsiloxane	Mixture	Oral LD50 Rat = 4800 mg/kg Inhalation LC50 (4h) Rat > 12 mg/L
Octamethylcyclotetrasiloxane	556-67-2	Inhalation LC50 (4h) Rat = 36 mg/L

## 12. ECOLOGICAL INFORMATION

Ecological Toxicity: May cause long-term adverse effects in the aquatic environment.  
Mobility: No data available

Ingredient	CAS #	Toxicological Data
Aliphatic hydrocarbon	64741-66-8	21 DAY NOEC Daphnia 0.17 mg/L

## 13. DISPOSAL CONSIDERATIONS

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

## 14. TRANSPORTATION INFORMATION

Agency	UN Number	Proper Shipping name	Hazard Class	Packing Group
DOT	UN1268	Petroleum distillates, n.o.s.	3	II
IATA	UN1268	Petroleum distillates, n.o.s.	3	II
IMDG	UN1268	Petroleum distillates, n.o.s.	3	II

## 15. 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.			

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.

## 16. OTHER INFORMATION

Other Information : SDS Prepared by L. Dean Swartz, SDS Coordinator

Version Date: 04/25/16

**This information contained in this SDS 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.**