

# Safety Data Sheet

## B505 PolyOff™ Polyurethane Remover

# Stoner

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### 1. IDENTIFICATION

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

Product Name: PolyOff™ Polyurethane Remover  
Product Code: B505  
Product Use: Polyurethane Remover  
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

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

#### Signal Word

Danger

#### Hazard Statements

Flammable liquid and vapour.  
May be fatal if swallowed and enters airways.  
Causes skin irritation.  
May cause an allergic skin reaction.  
Causes serious eye irritation.  
May cause respiratory irritation.  
May damage 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.  
Contaminated work clothing should not be allowed out of the workplace.  
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 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.  
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.  
If skin irritation or rash occurs: Get medical advice/attention.  
If eye irritation persists: Get medical advice/attention.

Wash contaminated clothing before reuse.

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**

<u>COMPONENT</u>	<u>CAS #</u>	<u>Percent</u>
Amide ester	872-50-4	60 - 80
Citrus distillates	5989-27-5	1-20
Petroleum distillates	64741-65-7	1-20

**HMIS® III\* HAZARDOUS WARNINGS:**

Health: 2	Flammability: 2	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 ACA 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:** 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. Do not induce vomiting. Have victim drink 8 to 10 ounces of water to dilute the material in the stomach. Aspiration into the lungs can cause serious damage.
- 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. Preexisting disorders of the following organs (or organ systems) may be aggravated by exposure to this material: skin; lung (for example, asthma-like conditions); blood forming system;

**5. FIRE FIGHTING MEASURES**

- Fire and/or Explosion Hazards:** This product contains a component(s) that is considered a combustible 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. Vapors are heavier than air and may accumulate in low areas. "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.

**6. ACCIDENTAL RELEASE MEASURES**

**STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED:**

Remove all sources of ignition. Ventilate contaminated area. 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. If runoff occurs, notify authorities as required.

**7. HANDLING AND STORAGE**

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

## 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.
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.

<u>COMPONENT</u>	<u>CAS #</u>	<u>ACGIH TLV</u>	<u>OSHA PEL</u>	<u>OTHER</u>
Amide ester	872-50-4	Not established	Not established	10 ppm; 40 mg/m <sup>3</sup> TWA (WEEL)
Citrus distillates	5989-27-5	20 ppm TWA	Not established	Not established
Petroleum distillates	64741-65-7	100 ppm TWA	500 ppm	Not established

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	Bulk liquid	Lower Flammability Limit (%):	0.6
Appearance:	Colorless to pale yellow	Upper Flammability Limit (%):	9.5
Odor:	Mild Amine	Vapor Pressure (PSIG @ 70°F):	No data available
Odor Threshold:	Moderate	Vapor Density [air = 1]:	> 1
pH:	Not applicable	Relative Density (H <sub>2</sub> O=1):	0.97
Melting/Freezing Point (°F):	No data available	Solubility in Water:	Not determined
Boiling Point (°F):	No data available	Partial Coefficient: n-octanol/water:	No data available
Flash Point (°F PMCC):	116.6	Autoignition Temperature (°F):	Not applicable
Evaporation Rate:	Not determined	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: Reducing agents. Strong alkalis. Strong mineral acids. Strong oxidizing agents. Ignition sources such as open flames, sparks, static discharges or glowing metal surfaces.
Decomposition Products:	Burning can produce the following combustion products: Carbon dioxide and carbon monoxide. Nitrogen compounds. Various hydrocarbons.

## 11. TOXICOLOGICAL INFORMATION

Reproductive & Developmental Toxicity:	No data available.
IARC Carcinogen Designation:	No data available

<u>Ingredient</u>	<u>CAS #</u>	<u>Toxicological Data</u>
Amide ester	872-50-4	ORAL LD50 Rat 3914 mg/kg
Citrus distillates	5989-27-5	DERMAL LD50 Rabbit 5 GM/KG ORAL LD50 Rat 4400 mg/kg ORAL LD50 Mouse 5600 mg/kg

## 12. ECOLOGICAL INFORMATION

Ecological Toxicity:	Severe ecological hazard. This product may be toxic to plants and/or wildlife.
Mobility:	No data available

<u>Ingredient</u>	<u>CAS #</u>	<u>Toxicological Data</u>
Citrus distillates	5989-27-5	Aquatic LC50 (96h) MINNOW 1 - 1 mg/L 48HR EC50 Daphnia = 70 mg/L No data available
Petroleum distillates	64741-65-7	Aquatic LC50 Bl gill > 1000 mg/L 24HR EC50 Daphnia > 1000 mg/L 24HR EC50 AQUATIC PLANTS > 1000 mg/L

## 13. DISPOSAL CONSIDERATIONS

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

## 14. TRANSPORTATION INFORMATION

<u>Agency</u>	<u>UN Number</u>	<u>Proper Shipping name</u>	<u>Hazard Class</u>	<u>Packing Group</u>
DOT	UN1268	Petroleum distillates, n.o.s.	3	III
IATA	UN1268	Petroleum distillates, n.o.s.	3	III
IMDG	UN1268	Petroleum distillates, n.o.s.	3	III

## 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.			SARA Section 313

### Toxic Substances Control Act

All components of this product are listed on the TSCA inventory.

### California Prop 65



**WARNING:** This product can expose you to n-Methyl Pyrrolidinone, which is(are) known to the State of California to cause birth defects or other reproductive harm. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

## 16. OTHER INFORMATION

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

Version Date: 06/06/18

**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.**