

# Safety Data Sheet

Product Name: Maxim Medium Set Adhesive Cartridge

Product identifier: 100813

Revision Date: 06-16-2015

Replaces:



## 1. Identification

**Product Name:** Maxim Medium Set Adhesive Cartridge  
**Product identifier:** 100813  
**Relevant identified uses of the substance or mixture and uses advised against:** Adhesive

**Chemical Manufacturer / Importer / Distributor:** ITW Evercoat  
a division of Illinois Tool Works Inc.  
6600 Cornell Road  
Cincinnati, OH 45242  
513-489-7600

**Emergency telephone number:** CHEMTREC: 1-800-424-9300  
CANUTEC: 1-613-996-6666

## 2. Hazard(s) identification

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

**GHS Hazard Symbols:**



**GHS Classification:** Skin Sensitisation Category 1  
Carcinogenicity Category 1A  
Serious Eye Damage/Eye Irritation Category 2B  
Hazardous to the aquatic environment - Acute Category 3

**GHS Signal Word:** Danger  
**GHS Hazard Statements:** May cause an allergic skin reaction.  
Causes eye irritation  
May cause cancer.  
Harmful to aquatic life.

**GHS Precautionary Statements:**  
**Safety Precautions:** Obtain special instructions before use.  
Do not handle until all safety precautions have been read and understood.  
Avoid breathing dust/fume/gas/mist/vapours/spray.  
Wash thoroughly after handling.  
Contaminated work clothing should not be allowed out of the workplace.

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**First Aid Measures:** Avoid release to the environment.  
Wear protective gloves/protective clothing/eye protection/face protection.  
Use personal protective equipment as required.  
IF ON SKIN: Wash with plenty of soap and water.  
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.  
Specific treatment (see on this label).  
If skin irritation or rash occurs: Get medical advice/attention.  
If eye irritation persists: Get medical advice/attention.  
Wash contaminated clothing before reuse.

**Storage:** Store locked up.

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

**Hazards not otherwise classified:** No data available

### 3. Composition/information on ingredients

Chemical Component:	CAS number and other unique identifiers	% (or range) of ingredient
Oxirane Homopolymer	25085-99-8	10 - 30
Talc	14807-96-6	10 - 30
Benzyl alcohol	100-51-6	1 - 5

The specific chemical identity and/or exact percentage (concentration) of composition has been withheld as a trade secret.

### 4. First-aid measures

**Eye Contact:** Immediately flush eyes with plenty of water for at least 20 minutes retracting eyelids often. Tilt the head to prevent chemical from transferring to the uncontaminated eye. Get immediate medical attention and monitor the eye daily as advised by your physician.

**Skin Contact:** Wash with soap and water. Remove contaminated clothing, launder immediately, and discard contaminated leather goods. Get medical attention immediately.

**Inhalation:** Remove to fresh air. If breathing is difficult, have a trained individual administer oxygen. If not breathing, give artificial respiration and have a trained individual administer oxygen. Get medical attention immediately.

**Ingestion:** Severely irritating. Do not induce vomiting. Seek medical attention immediately. Drink 2 glasses of water or milk to dilute.

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<b>Immediate medical attention and special treatment needed,:</b>	No additional first aid information available
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## 5. Fire-fighting measures

<b>Suitable extinguishing media:</b>	Use alcohol resistant foam, carbon dioxide, or dry chemical when fighting fires. Water or foam may cause frothing if liquid is burning but it still may be a useful extinguishing agent if carefully applied to the surface of the fire. Do Not direct a stream of water into the hot burning liquid.
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<b>Unsuitable extinguishing media:</b>	No data available
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<b>Fire and/or Explosion Hazards:</b>	Material may be ignited only if preheated to temperatures above the high flash point, for example in a fire. Combustible Liquid. Can form explosive mixtures at temperatures at or above the flash point.
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Empty containers that retain product residue (liquid, solid/sludge, or vapor) can be dangerous. Do not pressurize, cut, weld, braze, solder, drill, grind, or expose container to heat, flame, sparks, static electricity, or other sources of ignition. Any of these actions can potentially cause an explosion that may lead to injury or death.

<b>Hazardous Combustion Products:</b>	Carbon dioxide, Carbon monoxide
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<b>Special protective equipment and precautions for fire-fighters:</b>	Do not enter fire area without proper protection including self-contained breathing apparatus and full protective equipment. Use methods for the surrounding fire.
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## 6. Accidental release measures

<b>Personal precautions, protective equipment and emergency procedures:</b>	Exposure to the spilled material may be severely irritating or toxic. Follow personal protective equipment recommendations found in Section VIII of this MSDS. Personal protective equipment needs must be evaluated based on information provided on this sheet and the special circumstances created by the spill including; the material spilled, the quantity of the spill, the area in which the spill occurred, and the expertise of employees in the area responding to the spill. Never exceed any occupational exposure limits.
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<b>Methods and material for containment and cleaning up:</b>	Prevent the spread of any spill to minimize harm to human health and the environment if safe to do so. Wear complete and proper personal protective equipment following the recommendation of Section VIII at a minimum. Dike with suitable absorbent material like granulated clay. Gather and store in a sealed container pending a waste disposal evaluation.
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## 7. Handling and storage

**Precautions for safe handling:** Toxic or severely irritating material. Avoid contacting and avoid breathing the material. Use only in a well ventilated area.

**Conditions for safe storage:** Store in a cool dry place. Isolate from incompatible materials.

**Materials to Avoid/Chemical Incompatibility::** Acids Aluminum alloys Ammonia Oxidizing materials

## 8. Exposure controls/personal protection

### Limits:

Chemical Component	OSHA PEL	ACGIH TLV-TWA	ACGIH STEL
Talc	20 mppcf	2 mg/m <sup>3</sup>	

**Appropriate engineering controls.:** Local exhaust ventilation or other engineering controls are normally required when handling or using this product to avoid overexposure. Engineering controls must be designed to meet the OSHA chemical specific standard in 29 CFR 1910. Ventilation is required to maintain operator exposure below published exposure limits. Use process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits Facilities storing or using this material should be equipped with an eyewash and safety shower.

**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 goggles and a Face shield

**Skin Protection:** Avoid skin contact by wearing chemically resistant gloves, an apron and other protective equipment depending upon conditions of use. Inspect gloves for chemical break-through and replace at regular intervals. Clean protective equipment regularly. Wash hands and other exposed areas with mild soap and water before eating, drinking, and when leaving work. Where contact is likely, wear chemical resistant gloves, a chemical suit, rubber boots, and chemical safety goggles plus a face shield

**Respiratory Protection:** Respiratory protection will be required when handling this product. Use respirators only if ventilation cannot be used to eliminate symptoms or reduce the exposure to below acceptable levels. Follow a respiratory protection program that meets 29 CFR 1910.134 and ANSI Z88.2 requirements whenever work place conditions warrant the use of a respirator. Wear a NIOSH approved

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**Other Protective Equipment:** respirator if any exposure is possible.  
Wear goggles and a Face shield Where contact is likely, wear chemical resistant gloves, a chemical suit, rubber boots, and chemical safety goggles plus a face shield

## 9. Physical and chemical properties

**Appearance (physical state):** Paste  
**Color:** Grey  
**Odor:** No data available  
**Odor threshold:** No data available  
**pH:** No data available  
**Melting Point/Freezing Point (°C):** No data available  
**Initial Boiling Point and Boiling Range (°C):** 205  
**Flash Point (°C):** 94  
**Evaporation Rate:** No data available  
**Flammability (solid, gas):** No data available  
**Upper Flammable/Explosive Limit:** No data available  
**Lower Flammable/Explosive Limit:** No data available  
**Vapor Pressure:** No data available  
**Vapor Density:** No data available  
**Relative Density:** 1.31  
**Solubility(ies):** Minimal; 1-9% Low; 10-49%  
**Partition coefficient: n-octanol/water:** 1.36  
**Auto-ignition Temperature (°C):** 436 °C  
**Decomposition Temperature::** No data available  
**Viscosity:** No data available  
**VOC (as packaged-less exempts and water)** 48 or

## 10. Stability and reactivity

**Reactivity:** No data available  
**Chemical stability:** Stable under normal conditions.  
**Conditions to avoid:** None known. Contamination.  
**Incompatible materials:** Acids Aluminum alloys Ammonia Oxidizing materials  
**Hazardous decomposition products:** Carbon dioxide, Carbon monoxide

## 11. Toxicological information

**Likely routes of exposure (inhalation, ingestion, skin and eye contact):** Inhalation, Ingestion, Skin contact, Eye contact, Absorption, Skin contact, Eye contact

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## Immediate (Acute) Health Effects by Route of Exposure:

- Inhalation Irritation:** Can cause severe respiratory irritation, dizziness, weakness, fatigue, nausea, headache and possible unconsciousness. Can cause mechanical irritation if dusts are generated.
- Inhalation Toxicity:** Harmful! Can cause systemic damage (see "Target Organs")
- Skin Contact:** Can cause severe irritation, defatting, and dermatitis. Irritation effects may last for hours or days but will not likely result in permanent damage.
- Skin Absorption:** Harmful if absorbed through the skin. May cause severe irritation and systemic damage.
- Eye Contact:** Can cause severe irritation. Eye contact may result in corneal injury. Symptoms may include discomfort or pain, excess blinking and tear production, with marked redness and swelling of the conjunctiva. Temporary vision impairment (cloudy or blurred vision) is possible.
- Ingestion Irritation:** Severely irritating to mouth, throat, and stomach. Can cause abdominal discomfort, nausea, vomiting and diarrhea.
- Ingestion Toxicity:** Harmful if swallowed. May cause systemic poisoning.

## Long-Term (Chronic) Health Effects:

- Carcinogenicity:** None of the substances have been shown to cause cancer in long term animal studies. Not a carcinogen according to NTP, IARC, or OSHA.
- Reproductive and Developmental Toxicity:** No data available to indicate product or any components present at greater than 0.1% may cause birth defects.
- Mutagenicity:** No data available to indicate product or any components present at greater than 0.1% is mutagenic or genotoxic.
- Inhalation:** Upon prolonged and/or repeated exposure, can cause severe respiratory irritation, dizziness, weakness, fatigue, nausea, headache and possible unconsciousness. Harmful! Can cause systemic damage upon prolonged and/or repeated exposure (see "Target Organs")
- Skin Contact:** Upon prolonged or repeated contact can cause severe irritation, defatting, and dermatitis. May cause lingering effects but not likely to result in permanent damage if the exposure is eliminated.
- Skin Absorption:** Upon prolonged or repeated exposure, harmful if absorbed through the skin. May cause severe irritation and systemic damage.

## Component Toxicology Data

Chemical Component	Oral LD50	Dermal LD50	Inhalation LC50
No data available			

## Has the chemical been classified as a Carcinogen by NTP, IARC or OSHA.

Chemical Name	OSHA Carcinogen	IARC Carcinogen	NTP Carcinogen
No data available			

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## 12. Ecological information

**Ecotoxicity (aquatic and terrestrial, where available):** This material is not expected to be harmful to the ecology. Harmful to fish and other water organisms.

**Persistence and degradability:** No data available

**Mobility in soil:** No data available

**Other adverse effects (such as hazardous to the ozone layer):** No data available

### Ecological Toxicity Data

Chemical Component	Aquatic EC50 Crustacea	Aquatic ERC50 Algae	Aquatic LC50 Fish
No data available			

## 13. Disposal considerations

**Description of waste residues:** Spent or discarded material is not expected to be a hazardous waste.

**Waste treatment methods (including packaging):** Dispose of in a landfill. Disposal is not likely to be regulated.

## 14. Transport information

**UN proper shipping name:** The DOT Classification for shipping is dependent on quantity, type of packaging (a kit may include other components), or method of shipment.

## 15. Regulatory information

**TSCA Status:** All components in this product are on the TSCA Inventory.

### Regulated Components:

Chemical Component	CAS number and other unique identifiers	CERCLA	SARA EHS	SARA 313	California Prop 65
Benzyl alcohol	100-51-6	N	N	N	N

## 16. Other information, including date of preparation or last revision.

**Revision Date:** 06-16-2015

**Revision Number:** 4

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