

# Safety Data Sheet

Product Name: Multi-Fix Plastic Repair Cartridge

Product identifier: 100898

Revision Date: 07-14-2015

Replaces:



## 1. Identification

**Product Name:** Multi-Fix Plastic Repair Cartridge

**Product identifier:** 100898

**Relevant identified uses of the substance or mixture and uses advised against:** Plastic Repair

**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:** Carcinogenicity Category 1A  
Reproductive Toxicity Category 1B  
Specific Target Organ Systemic Toxicity (STOT) - Single Exposure Category 1  
Specific Target Organ Systemic Toxicity (STOT) - Repeated Exposure Category 1  
Germ Cell Mutagenicity Category 2  
Hazardous to the aquatic environment - Acute Category 3

**GHS Signal Word:** Danger

**GHS Hazard Statements:** Suspected of causing genetic defects.  
May cause cancer.  
May damage fertility or the unborn child.  
Causes damage to organs.  
Causes damage to organs through prolonged or repeated exposure.  
Harmful to aquatic life.

**GHS Precautionary Statements:**

**Safety Precautions:** Obtain special instructions before use.

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Do not handle until all safety precautions have been read and understood.  
Do not breathe dust/fume/gas/mist/vapours/spray.  
Wash thoroughly after handling.  
Do not eat, drink or smoke when using this product.  
Avoid release to the environment.  
Use personal protective equipment as required.  
**First Aid Measures:** IF exposed: Call a POISON CENTER or doctor/physician.  
IF exposed or concerned: Get medical advice/attention.  
Get medical advice/attention if you feel unwell.  
Specific treatment (see on this label).  
**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
25085-99-8		10 - 30
Styrene	100-42-5	1 - 5
Crystalline Silica (Quartz)	14808-60-7	0.1 - 1

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

## 4. First-aid measures

**Eye Contact:** 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.

**Skin Contact:** Wash with soap and water. Get medical attention if irritation develops or persists.

**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:** Do not induce vomiting and seek medical attention immediately. Drink two glasses of water or milk to dilute. Provide medical care provider with this MSDS.

**Immediate medical attention and special treatment needed,:** No additional first aid information available

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## 5. Fire-fighting measures

**Suitable extinguishing media:** Use alcohol resistant foam, carbon dioxide, or dry chemical extinguishing agents. Water spray or fog may also be effective for extinguishing if swept across the base of the fire. Water can also be used to absorb heat and keep exposed material from being damaged by fire.

**Unsuitable extinguishing media:** No data available

**Fire and/or Explosion Hazards:** Vapors may be ignited by heat, sparks, flames or other sources of ignition at or above the low flash point giving rise to a Class B fire. Vapors are heavier than air and may travel to a source of ignition and flash back

**Hazardous Combustion Products:** Carbon dioxide, Carbon monoxide

**Special protective equipment and precautions for fire-fighters:** Do not enter fire area without proper protection including self-contained toxic breathing apparatus and full protective equipment. Fight fire from a safe distance and a protected location due to the potential of hazardous vapors and decomposition products. Flammable component(s) of this material may be lighter than water and burn while floating on the surface. Use water spray/fog for cooling. Flammable component(s) of this material may be lighter than water and burn while floating on the surface. Use methods for the surrounding fire.

## 6. Accidental release measures

**Personal precautions, protective equipment and emergency procedures:** No health effects expected from the clean-up of this material if contact can be avoided. Follow personal protective equipment recommendations found in Section VIII of this MSDS

**Methods and material for containment and cleaning up:** No special spill clean-up considerations. Collect and discard in regular trash.

## 7. Handling and storage

**Precautions for safe handling:** Mildly irritating material. Avoid unnecessary exposure. Use spark-proof tools and explosion-proof equipment

**Conditions for safe storage:** Store in a cool dry ventilated location. Isolate from incompatible materials and conditions. Keep container(s) closed. Keep away from sources of ignition

**Materials to Avoid/Chemical Incompatibility::** Strong oxidizing agents Peroxides Strong acids

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## 8. Exposure controls/personal protection

### Limits:

Chemical Component	OSHA PEL	ACGIH TLV-TWA	ACGIH STEL
Styrene	100 ppm	20 ppm	40 ppm STEL; 170 mg/m <sup>3</sup> STEL

### Appropriate engineering controls.:

No exposure limits exist for the constituents of this product. Use local exhaust ventilation or other engineering controls to minimize exposures and maintain operator comfort. Good general room ventilation should be sufficient to control airborne contaminants to safe levels.

### Eye Protection:

Wear chemically resistant safety glasses with side shields when handling this product. Do not wear contact lenses.

### Skin Protection:

Not normally considered a skin hazard. Where use can result in skin contact, practice good personal hygiene and wear a barrier cream and/or impervious surgical style gloves. Wash hands and other exposed areas with mild soap and water before eating, drinking, and when leaving work.

### Respiratory Protection:

Respiratory protection may be required to avoid overexposure when handling this product. General or local exhaust ventilation is the preferred means of protection. Use a respirator if general room ventilation is not available or sufficient to eliminate symptoms.

### General Hygiene Conditions:

Use spark-proof tools and explosion-proof equipment

## 9. Physical and chemical properties

Appearance (physical state):	Paste
Color:	Black
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):	1000
Flash Point (°C):	00_NDA
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:	1.05
Solubility(ies):	Insoluble
Partition coefficient: n-octanol/water:	1.36

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Auto-ignition Temperature (°C):	490 °C
Decomposition Temperature::	No data available
Viscosity:	No data available

## 10. Stability and reactivity

Reactivity:	No data available
Chemical stability:	Stable under normal conditions. Stable. However, may decompose if heated
Conditions to avoid:	None known. .
Incompatible materials:	Strong oxidizing agents Peroxides Strong acids

## 11. Toxicological information

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

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

Inhalation Irritation:	Can cause moderate respiratory irritation, dizziness, weakness, fatigue, nausea and headache. Can cause mechanical irritation if dusts are generated.
Inhalation Toxicity:	Non-Toxic. Not known to cause systemic damage.
Skin Contact:	Can cause minor skin irritation, defatting, and dermatitis.
Skin Absorption:	No absorption hazard in normal industrial use.
Eye Contact:	Can cause moderate irritation, tearing and reddening, but not likely to permanently injure eye tissue. Can causes slight irritation.
Ingestion Irritation:	Irritating to mouth, throat, and stomach. Can cause abdominal discomfort, nausea, vomiting and diarrhea. No hazard in normal industrial use.
Ingestion Toxicity:	Harmful if swallowed. May cause systemic poisoning.

### Long-Term (Chronic) Health Effects:

Carcinogenicity:	May cause cancer.
Reproductive and Developmental Toxicity:	May damage fertility or the unborn child.
Mutagenicity:	Suspected of causing genetic defects.
Inhalation:	Upon prolonged and/or repeated exposure, can cause moderate respiratory irritation, dizziness, weakness, fatigue, nausea and headache.
Skin Contact:	Upon prolonged or repeated contact, can cause minor skin irritation, defatting, and dermatitis.
Skin Absorption:	Upon prolonged or repeated exposure, no hazard in normal industrial use.

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## 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
Styrene	N	Y	Y
Crystalline Silica (Quartz)	Y	Y	Y

## 12. Ecological information

**Ecotoxicity (aquatic and terrestrial, where available):** Toxic to aquatic life.  
**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 a hazardous waste.  
**Waste treatment methods (including packaging):** Dispose of by incineration following Federal, State, Local, or Provincial regulations.  
**Waste Disposal Code(s):** D001

## 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.

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## Regulated Components:

Chemical Component	CAS number and other unique identifiers	CERCLA	SARA EHS	SARA 313	California Prop 65
Styrene	100-42-5	N	N	Y	N

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

Revision Date: 07-14-2015

Revision Number: 7

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