

## MATERIAL SAFETY DATA SHEET

Date Revised: 7/18/2013  
Mold Release

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MSDS Number: 110001

### SECTION 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

#### Material Identity

Product Name: Mold Release  
Product Numbers: 105685  
Product Use: Water-Based Release Agent

#### Company

ITW Evercoat  
a Division of Illinois Tool Works Inc.  
6600 Cornell Road  
Cincinnati, Ohio USA  
Phone: 513-489-7600

#### Emergency Telephone Numbers:

CHEMTREC: 1-800-424-9300  
CANUTEC: 1-613-996-6666

Prepared By: Safety Department

### SECTION 2. COMPOSITION / INFORMATION ON INGREDIENTS

Ingredient(s)	CAS Number	EINECS Number	% (by weight)
Ethene Homopolymer	25213-24-5	N/L	10 – 15
Water	7732-18-5	231-791-2	85 – 90

OSHA Regulatory Status: While this material is not classified as hazardous under OSHA regulations, this MSDS contains valuable information critical to the safe handling and proper use of the product.

### SECTION 3. HAZARDS IDENTIFICATION

#### \*\*\*EMERGENCY OVERVIEW\*\*\*

WARNING!

MAY CAUSE EYE, THROAT, NOSE AND SKIN IRRITATION.

#### Potential Health Effects

##### Acute Effects (Short Term):

**Eye:** Contact with liquid or vapor may result in mild irritation, redness, tearing, and blurred vision.

**Skin:** May cause mild skin irritation. Symptoms may include redness and burning of the skin.

**Swallowing:** Ingestion of this material may cause gastrointestinal irritation, nausea, diarrhea, and vomiting.

**Inhalation:** Breathing small amounts of this material during normal handling is not likely to cause harmful effects.

##### Chronic Effects of Overexposure (Long Term):

None known.

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**Cancer Information:** This product does not contain any substance, which is listed as a carcinogen by NTP, IARC or OSHA in quantities greater than 0.1%.

**Other Health Effects:**  
None Known

**Primary Route(s) of Entry:** Inhalation, Skin contact, Eye contact, Ingestion, Skin absorption.

### **SECTION 4. FIRST AID MEASURES**

**Eyes:** Flush eyes gently with water for at least 15 minutes. Obtain medical advise.

**Skin:** Remove contaminated clothing. Wash exposed area with soap and water. If symptoms persist, seek medical attention. Launder clothing before reuse.

**Swallowing:** If irritation or discomfort occurs, obtain medical advice immediately.

**Inhalation:** Move individual away from exposure and into fresh air. Obtain medical advice.

### **SECTION 5. FIRE FIGHTING MEASURES**

**Flash Point:** Not Determined (Water-Based)  
**Explosive Limit: Lower:** N/A **Upper:** N/A  
**Autoignition Temperature:** N/A  
**OSHA Flammability Class:** Non-Flammable

**Hazardous Products of Combustion:** May form: carbon dioxide, carbon monoxide and various hydrocarbons.

**Fire and Explosion Hazards:** None known.

**Extinguishing Media:** Regular foam, carbon dioxide, dry chemical.

**Fire Fighting Instructions:** Water may be used to keep fire-exposed containers cool until fire is out. Wear a self-contained breathing apparatus NIOSH approved with a full facepiece operated in the positive pressure demand mode with appropriate turn-out gear and chemical resistant personal protective equipment.

**NFPA Rating:** Health - 1, Flammability - 0, Reactivity - 0

### **SECTION 6. ACCIDENTAL RELEASE MEASURES**

**In Case of Spill:** Wear proper protective equipment (Section 8). Collect with an inert absorbant and dispose of properly. Caution: Floors covered with residual material become extremely slippery when wet.

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### SECTION 7. HANDLING AND STORAGE

**Handling:** All hazard precautions given in the data sheet must be observed. Avoid contact with eyes, skin and clothing. Wash thoroughly after handling. Do not take internally. Close container after each use. **Keep out of reach of children.**

**Storage:** Store material in a cool, well-ventilated area. For maximum product quality, avoid prolonged storage at temperatures above 75°F (25°C). Do not freeze. Keep container tightly closed. Avoid contact with incompatible materials.

### SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Eye Protection:** Chemical splash goggles in compliance with OSHA regulations are recommended.

**Skin Protection:** Protective gloves and proper clothing should be worn to prevent skin contact. To prevent repeated or prolonged skin contact, wear impervious clothing and boots.

**Respiratory Protection:** Not required if airborne concentrations are maintained below listed exposure limits.

**Engineering Controls:** Provide sufficient mechanical (general and/or local exhaust) ventilation to maintain exposure below acceptable limits.

**Exposure Guidelines:**  
None listed.

### SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Boiling Point:</b>	212 °F/ 100 °C (Water)	<b>Vapor Density:</b>	Heavier than air.
<b>Specific Gravity / Density:</b>	1.02/ 8.5 lbs/gal	<b>Percent Volatiles by weight:</b>	90 %
<b>Evaporation Rate:</b>	Slower than ethyl ether.	<b>Physical State:</b>	Liquid
<b>Freezing Point:</b>	32 °F / 0 °C (Water)	<b>pH:</b>	N/D
<b>Odor:</b>	Very slight odor	<b>Solubility:</b>	Soluble in water.
<b>Vapor Pressure:</b>	17.5 mmHg @ 68 °F / 20 °C (Water)	<b>Appearance:</b>	Purple
<b>Octanol/Water Partition</b>	Unknown	<b>VOC (material):</b>	0.08 lbs/gal

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<b>VHAP Content by weight – as packaged:</b>	0%		
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### SECTION 10. STABILITY AND REACTIVITY

**Hazardous Polymerization:** Product will not undergo hazardous polymerization.

**Hazardous Decomposition:** May form: carbon dioxide, carbon monoxide and various hydrocarbons.

**Chemical Stability:** Stable under normal handling conditions.

**Incompatibility:** Avoid contact in uncontrolled conditions with: strong oxidizing agents and water reactive materials.

### SECTION 11. TOXICOLOGICAL INFORMATION

**Acute Toxicity Data:** None listed.

**Carcinogenicity:** See Cancer Information, Section 3.

**Mutagenicity:** No significant evidence found.

**Teratogenicity:** No significant risk of birth defects or reproductive toxicity.

### SECTION 12. ECOLOGICAL INFORMATION

**Ecotoxicity:** No known hazards. This material should not be released to sewage, draining systems or any body of water exceeding concentrations of approved limits under applicable regulations and permits.

### SECTION 13. DISPOSAL CONSIDERATION

**RCRA Hazardous Waste:** This material as supplied, if discarded, would not be regulated as a hazardous waste under RCRA (40 CFR 261). Dispose of in accordance with applicable federal, state, and local regulations.

**RCRA Hazard Class:** This material would be classified as EPA NON-RCRA.

### SECTION 14. TRANSPORT INFORMATION

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

### SECTION 15. REGULATORY INFORMATION

**US Federal Regulations**

**TSCA (Toxic Substances Control Act) Status**

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TSCA (USA) The intentional ingredients of this product are listed.

### **CERCLA RQ - 40 CFR 302.4(a)**

<u>Component</u>	<u>RQ (lbs.)</u>
None	

**SARA Title III: Section 302-** Extremely Hazardous Substances

None

**SARA Title III: Section 313-** Toxic Chemical List

<u>Component</u>	<u>CAS Number</u>	<u>Percentage</u>
None		

### **International Regulations**

**EINECS (Europe)** The intentional ingredients of this product are listed.

**DSL (Canada)** The intentional ingredients of this product are listed.

### **WHMIS Classification**

**Health Hazard:** D2B (Other Toxic Effects)

**Physical Hazard:**

### **State and Local Regulations**

#### **California Proposition 65:**

This product contains the following chemical(s) known to the state of California to cause cancer. NONE

This product contains the following chemical(s) known to the state of California to cause birth defects or reproductive harm. NONE

## **SECTION 16. OTHER INFORMATION**

**HMIS Rating:** Health – 1, Flammability - 0, Reactivity - 0  
Key- 0=Least, 1=Slight, 2=Moderate, 3=Serious, 4=Extreme, \*=Chronic Effects

**Other Precautions for Use:** Do not freeze.

Additional Information may be obtained by calling the Evercoat MSDS Hotline at 1-800-729-7600.

**NOTICE:** The information accumulated herein is believed to be correct as of the date issued from sources, which are believed to be accurate and reliable. Since it is not possible to anticipate all circumstances of use, recipients are advised to confirm, in advance of need, that the information is current, applicable and suitable to their circumstances.