

# EASTMAN

## MATERIAL SAFETY DATA SHEET

Revision Date: 05/18/2007  
MSDSUSA/ANSI/EN/150000000675/Version 4.1  
0032484031/0004252483

### 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name	Eastotac(TM) Resin H-130R
Product Identification Number(s)	P0228202
Manufacturer/Supplier	Eastman Chemical Company 200 South Wilcox Drive Kingsport, TN 37660-5280 US +14232292000
MSDS Prepared by	Eastman Product Safety and Health
Chemical Name	not applicable
Synonym(s)	02282-00 042657
Molecular Formula	not applicable
Molecular Weight	not applicable
Product Use	ink, adhesive
OSHA Status	nonhazardous

For emergency health, safety & environmental information, call 800-EASTMAN.

For emergency transportation information, call CHEMTREC at 800-424-9300 or call 800-EASTMAN.

### 2. COMPOSITION INFORMATION ON INGREDIENTS

(Typical composition is given, and it may vary. A certificate of analysis can be provided, if available.)

Weight %	Component	CAS Registry No.
>99%	hydrocarbon resin	69430-35-9
<1%	stabilizer	not applicable

### 3. HAZARDS IDENTIFICATION

CAUTION!  
MOLTEN MATERIAL WILL PRODUCE THERMAL BURNS  
POWDERED MATERIAL MAY FORM EXPLOSIVE DUST-AIR MIXTURES

**HMIS® Hazard Ratings:** Health - 1, Flammability -1, Chemical Reactivity - 0

*HMIS® rating involves data interpretations that may vary from company to company. They are intended only for rapid, general identification of the magnitude of the specific hazard. To deal adequately with the safe handling of this material, all the information contained in this MSDS must be considered.*

### 4. FIRST-AID MEASURES

**Inhalation:** If symptomatic, move to fresh air. Get medical attention if symptoms persist.

**Eyes:** If molten material contacts the eye, immediately flush with plenty of water for at least 15 minutes. Get medical attention immediately.

**Skin:** If burned by contact with molten material, cool as quickly as possible. Do not peel material from

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MARKETED BY  
**HARWICK STANDARD  
DISTRIBUTION CORPORATION**  
60 S. Seiberling Street • Akron, Ohio 44305

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skin. Get medical attention.

**Ingestion:** Seek medical advice. Material is not expected to be absorbed from the gastrointestinal tract so that induction of vomiting should not be necessary.

**Note to Physicians:** Burns should be treated as thermal burns. The material will come off as healing occurs; therefore, immediate removal from the skin is not necessary.

### 5. FIRE FIGHTING MEASURES

**Extinguishing Media:** water spray, dry chemical, carbon dioxide

**Special Fire-Fighting Procedures:** Wear self-contained breathing apparatus and protective clothing.

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

**Unusual Fire and Explosion Hazards:** Powdered material may form explosive dust-air mixtures.

### 6. ACCIDENTAL RELEASE MEASURES

Use personal protective equipment. Sweep or scoop up and remove.

### 7. HANDLING AND STORAGE

**Personal Precautionary Measures:** Avoid contact with molten material.

**Prevention of Fire and Explosion:** Keep from contact with oxidizing materials. Minimize dust generation and accumulation. In the United States of America, refer to NFPA® Pamphlet No. 654, "Prevention of Fire and Dust Explosions in the Chemical, Dye, Pharmaceutical, and Plastics Industries."

**Storage:** Keep container closed.

### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

*Country specific exposure limits have not been established or are not applicable unless listed below.*

**Ventilation:** Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. Supplementary local exhaust ventilation, closed systems, or respiratory and eye protection may be needed in special circumstances; such as poorly ventilated spaces, heating, evaporation of liquids from large surfaces, spraying of mists, mechanical generation of dusts, drying of solids, etc.

**Respiratory Protection:** If engineering controls do not maintain airborne concentrations below recommended exposure limits (where applicable) or to an acceptable level (in countries where exposure limits have not been established), an approved respirator must be worn. In the United States of America, if respirators are used, a program should be instituted to assure compliance with OSHA Standard 63 FR 1152, January 8, 1998. Respirator type: Air-purifying respirator with an appropriate, government approved (where applicable), air-purifying filter, cartridge or canister. Contact health and safety professional or manufacturer for specific information.

**Eye Protection:** It is a good industrial hygiene practice to minimize eye contact. Wear a face shield when working with molten material.

**Skin Protection:** When material is heated, wear gloves to protect against thermal burns.

**Recommended Decontamination Facilities:** eye bath, washing facilities

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### 9. PHYSICAL AND CHEMICAL PROPERTIES

**Physical Form:** solid (flake), liquid (molten)  
**Color:** varies with formulation  
**Odor:** odorless  
**Specific Gravity:** > 1  
**Softening Point:** 130 °C  
**Solubility in Water:** negligible  
**Flash Point:** 287 °C (Cleveland open cup)  
**Autoignition Temperature:** 383 - 399 °C (ASTM E659)  
**Thermal Decomposition Temperature:** not available

### 10. STABILITY AND REACTIVITY

**Stability:** Not fully evaluated. Materials containing similar structural groups are normally stable.  
**Incompatibility:** Material reacts with strong oxidizing agents.  
**Hazardous Polymerization:** Will not occur.

### 11. TOXICOLOGICAL INFORMATION

*Acute toxicity data, if available, are listed below. Additional toxicity data may be available on request.*

Oral LD-50:(rat)	>5,000 mg/kg(highest dose tested)
Dermal LD-50: ( rat)	> 2,000 mg/kg (highest dose tested)
Skin Irritation (guinea pig)	slight
Eye Irritation (rabbit, unwashed eyes)	moderate
Eye Irritation (rabbit, washed eyes)	slight
Skin Sensitization: (guinea pig)	none

### 12. ECOLOGICAL INFORMATION

*Acute toxicity data, if available, are listed below. Additional toxicity data may be available on request.*

This material has not been tested for environmental effects.

### 13. DISPOSAL CONSIDERATIONS

Discharge, treatment, or disposal may be subject to national, state, or local laws. Incinerate.

### 14. TRANSPORT INFORMATION

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**Important Note:** *Shipping descriptions may vary based on mode of transport, quantities, package size, and/or origin and destination. Consult your company's Hazardous Materials/Dangerous Goods expert for information specific to your situation.*

### DOT (USA)

Class 9, Packing Group III when liquid is offered for transport or is transported, in bulk packaging, at or above 100°C and below its flash point; otherwise, not regulated.

### Sea - IMDG (International Maritime Dangerous Goods)

Class 9, Packing Group III when liquid is offered for transport or is transported at or above 100°C and below its flash point; otherwise, not regulated.

### Air - ICAO (International Civil Aviation Organization)

Class Forbidden on aircraft when liquid is offered for transport or is transported at or above 100°C and below its flash point; otherwise, not regulated.

## 15. REGULATORY INFORMATION

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the MSDS contains all the information required by the Controlled Products Regulations.

WHMIS (Canada) Status: noncontrolled

SARA 313: none, unless listed below

Carcinogenicity Classification (components present at 0.1% or more): none, unless listed below

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**TSCA (US Toxic Substances Control Act):** All components of this product are listed on the TSCA inventory. Any impurities present in this product are exempt from listing.

**DSL (Canadian Domestic Substances List) and CEPA (Canadian Environmental Protection Act):** All components of this product are listed on the DSL. Any impurities present in this product are exempt from listing.

**EINECS (European Inventory of Existing Commercial Chemical Substances):** All components of this product are listed on EINECS. Any polymer present in this product has regulatory clearance under Directives of the European Union.

**AICS / NICNAS (Australian Inventory of Chemical Substances and National Industrial Chemicals Notification and Assessment Scheme):** All components of this product are listed on AICS or otherwise comply with NICNAS.

**MITI (Japanese Handbook of Existing and New Chemical Substances):** All components of this product are listed in the Handbook or have been approved in Japan by new substance notification.

**ECL (Korean Toxic Substances Control Act):** All components of this product are listed on the Korean inventory or otherwise comply with the Korean Toxic Substances Control Act.

**Philippines Inventory (PICCS) :** All components of this product are listed on the Philippine inventory or otherwise comply with PICCS.

### 16. OTHER INFORMATION

Visit our website at [www.EASTMAN.com](http://www.EASTMAN.com) or call 001-423-229-2000.

*The information contained herein is based on current knowledge and experience; no responsibility is accepted that the information is sufficient or correct in all cases. Users should consider these data only as a supplement to other information. Users should make independent determinations of suitability and completeness of information from all sources to assure proper use and disposal of these materials, the safety and health of employees and customers, and the protection of the environment.*

*Highlighted areas indicate new or changed information.*