

Material Safety Data Sheet

Section 1 Chemical Product and Company Identification

Manufacturer

Federal Process Corporation
4620 Richmond Road
Cleveland OH 44128

Emergency Telephone Number Call Chemtrec at 1-800-424-9300
Product Identifier: CureLock HRC
Product Description: Complex Mixture

Section 2 Composition/Information on Ingredients

Additional information is provided in the Regulatory section of this document for Sara 313, California Proposition 65, and various state right-to-know laws.

| Contains: | CAS# | % | TLVs | SARA III | PROP 65 | OSHA |
|--------------------------------------|----------|-------|------|----------|---------|-----------------|
| Tetra ethylene glycol dimethacrylate | 109-17-1 | 50-65 | | No | No | Not Established |
| Saccharin* | 81-07-2 | <1 | No | No | No Data | |
| NN Di Alkyltoluide | 613-48-9 | 1 - 5 | | No | No | Not Established |
| Cumene Hydroperoxide* | 80-15-9 | 2 - 4 | | Yes | No | No Data |
| Polyester Resin | | 30-50 | | No | No | |

Section 3 Hazards Identification

EMERGENCY OVERVIEW:

PHYSICAL HAZARDS:

May become slippery if spilled on floor.

ACUTE HEALTH EFFECTS:

This product contains tetraethylene glycol dimethacrylate, which can cause skin, eye, or respiratory irritation if the concentrations are high enough. Certain individuals may show an acute skin, or eye sensitivity to this chemical, usually seen as skin redness, itching, burning, or rash.

CHRONIC HEALTH EFFECTS:

No chronic health effects are expected

Section 4 First Aid Measures

INHALATION: Not likely under normal conditions of use. If using in high temperature applications where thermal decomposition is likely, use a local exhaust to remove fumes. If dizziness or irritation occurs, seek fresh air.

INGESTION: If ingested this product is not expected to cause an acute reaction. **DO NOT INDUCE VOMITING.** May be aspirated into the lungs. Use a gastric lavage, and a call a poison control center or a physician.

EYES: This product could cause some irritation if gotten into the eyes. Flush eyes immediately with water for 15 minutes, lifting the lower and upper lids occasionally. If irritation persists consult a physician.

SKIN: Wash with soap and water, using a nail brush. Pay particular attention to finger nails and open wounds.

Section 5 Fire Fighting Measures

EXTINGUISHING MEDIA: Foam (Aqueous Film Forming Foam) , dry chemical, carbon dioxide.

SPECIAL FIRE FIGHTING PROCEDURES: This compound will not burn unless it is pre-heated. Water fog may be used to cool the containers but do not spray directly into large containers of burning liquids as frothing may occur. Wear a "NIOSH" approved organic vapor respirator.

UNUSUAL FIRE AND EXPLOSION HAZARDS: Dense smoke and noxious or toxic fumes may be generated in a fire. Fire fighters should wear a self contained breathing apparatus.

FLASH POINT: >212 F C.O.C.

FLAMMABLE LIMITS: LEL: N/A UEL: N/A

Section 6 Accidental Release Measures

SPILL/LEAKAGE PROCEDURES: Use an oil absorbent material and dispose of properly.

Section 7 Handling and Storage

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: Store in closed containers away from intense heat or open flames. Do not transfer to unmarked containers. Keep away from children.

WASTE DISPOSAL: Dispose of in a responsible manner, following local, state and federal guidelines. Do not discharge into sewers or waterways. Incineration is the preferred method of disposal, although it may be landfilled at an approved facility.

Section 8 Exposure Controls/Personal Protection

RESPIRATORY PROTECTION: Normally not required.

PROTECTIVE GLOVES: Normally not required unless prolonged or repeated skin contact is expected. Then use latex or neoprene gloves.

EYE PROTECTION: Safety glasses or recommended.

WORK/HYGIENIC PRACTICES: Use good standard practices when using this material. Do not eat or smoke while using, and thoroughly wash with soap and water, using a nail brush.

Section 9 Physical and Chemical Properties

| | | | |
|--------------------------|-------------------|-----------------------------|-------------|
| PHYSICAL STATE: | liquid, mild odor | SPECIFIC GRAVITY: | 1.1 to 1.15 |
| BOILING POINT: | > 400 F | VAPOR PRESSURE: | .01 mm Hg |
| MELTING POINT: | Does not apply | REACTIVITY IN WATER: | none |
| EVAPORATION RATE: | 0 | WATER SOLUBILITY: | nil |
| PERCENT VOLATILE: | 0 | | |

Section 10 Stability and Reactivity

STABILITY: This product is stable under recommended conditions of storage and handling.

CONDITIONS TO AVOID: Strong reducing agents or high heat.

INCOMPARABILITY (MATERIALS TO AVOID): Avoid contamination.

HAZARDOUS DECOMPOSITION PRODUCTS: The thermal decomposition products are highly dependent upon the combustion conditions. Noxious or toxic fumes may be generated, some of which may be toxic or irritation.

Section 11 Toxicological Information

Exposure limits: The limits reported in Section 2 of this document refer to other physical forms of the ingredients present in this product. Limits for the formulated product have not been determined. Saccharin has been reported as "possibly carcinogenic to humans" in IARC, while NTP lists it as a carcinogen.

HMIS Ratings: H - 1, F - 0, R - 0

Section 12 Ecological Information

General: Do not allow this compound to enter water ways or sewers.

Section 13 Disposal Information

Waste materials must be disposed of in accordance with your municipal, state, provincial and federal regulations. Contact the proper authorities for specific instructions.

Section 14 Transportation Information

DOT HAZARD CLASS: Not Regulated

PROPER SHIPPING NAME: Not Regulated

IDENTIFICATION NUMBER: Not Listed

Section 15 Regulatory Information

Listed below are chemical substances subject to supplier notification requirements. The percentages, when present represent average values.

| Substance | SARA 313 | WHMIS | CA-65 |
|----------------------|-------------|-------|-------|
| Cumene Hydroperoxide | X | | X |
| Saccharin | X | | X |

CA-65 - Chemical substances identified under the California Proposition 65 column are known to the State of California to cause cancer and/or reproductive toxicity.

TSCA STATUS: All ingredients of this product comply with the requirements of the US EPA Toxic Substances Control Act.

Section 16 Other

Prepared by JHS

The above information and recommendations are believed accurate and reliable. Because it is not possible to anticipate all conditions of use, additional safety precautions may be required. The Federal Process Company makes no warranty, either express or implied, including merchantability and fitness.

USER RESPONSIBILITY: Each user should read and understand this information and incorporate it into individual site safety programs in accordance with applicable hazard communication standards and regulations.