

Attn: Don



MATERIAL SAFETY DATA SHEET

Product Name: Rexolite 1422
Effective Date 6/16/04

Chem Trek Emergency Assistance:
1-800-424-9300

C-Lec Plastics

1. INGREDIENTS:

- POLYSTYRENE MONOMER CAS #100-42-5
- DIVINYL BENZENE MONOMER Less than 10% CAS #001321-74-0

2. HAZARDOUS IDENTIFICATION:

Clear Solid
Odorless
No significant immediate hazards for emergency response are known
Toxic fumes are released in fire situations

POTENTIAL HEALTH EFFECTS-

EYE: Solid or dust may cause irritation or corneal injury due to mechanical action
SKIN: Essentially nonirritating to skin. Mechanical injury only. Skin absorption is unlikely due to physical properties.
INGESTION: Single dose oral toxicity is considered to be extremely low. No hazards anticipated from swallowing small amounts incidental to normal handling operations.
INHALATION: Dust may cause irritation in upper respiratory tract.
SYSTEMIC: (other target organs) EFFECTS: No relevant information found.

3. FIRST AID:

EYES: Flush eyes with plenty of water, mechanical effects only
SKIN: No adverse effects anticipated by this route of exposure incidental to proper industrial handling.
INGESTION: No adverse effects anticipated by this route of exposure incidental to proper industrial handling.
INHALATION: Remove to fresh air if effects occur. Consult a physician.

Note To Physician: No specific antidote. Supportive Care. Treatment based on judgement of the physician in response to the reaction of the patient.

6800 NE



135-1532

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4. FIRE FIGHTING MEASURES:

FLAMMABLE PROPERTIES:

Flash Point: none
Method Used: Not Applicable
Autoignition Temp: Not Applicable

FLAMMABILITY LIMITS:

LFL: Not Applicable
UFL: Not Applicable

HAZARDOUS COMBUSTION PRODUCTS: Under fire conditions polymers decompose. The smoke may contain polymer fragments of varying compositions in addition to unidentified toxic and/irritating compounds. Hazardous combustion products may include and are not limited to: carbon dioxide and carbon monoxide. Hazardous combustion products may include trace amounts of: styrene.

OTHER FLAMMABILITY INFO: Dense smoke emitted when burned without sufficient oxygen.

EXTINGUISHING MEDIA: Water, carbon dioxide, dry chemical.

FIRE FIGHTING INSTRUCTIONS: Keep people away. Isolate fire area and deny unnecessary entry. Cool surroundings with water to localize fire zone. Hand held carbon dioxide or dry chemical extinguishers may be used for small fires. Soak thoroughly with water to cool and prevent re-ignition.

FIRE FIGHTING EQUIPMENT: Wear protective pressure self-contained breathing apparatus (SCBA) and protective fire fighting clothing (includes fire fighting helmet, clothes, boots, and gloves). If protective clothing is not available or not used, fire fight from a protected location or safe distance.

5. HANDLING AND STORAGE:

STORAGE: Store in a dry place. Avoid sunlight.

6. EXPOSURE CONTROLS/PERSONAL PROTECTION:

ENGINEERING CONTROLS: Good general ventilation should be sufficient for most conditions. Local exhaust ventilation may be necessary for some operations.

PERSONAL PROTECTIVE EQUIPMENT:

EYE/FACE: Use safety glasses. If there is a potential for exposure to particles

which would cause mechanical injury to the eye, wear chemical goggles.

SKIN: No precautions other than clean body covering clothing should be needed.

RESPIRATORY: In dusty atmospheres used an approved dust respirator.

EXPOSURE GUIDELINES: None established.

7. PHYSICAL AND CHEMICAL PROPERTIES:

PHYSICAL STATE: Clear Solid

ODOR: Odorless

VAPOR PRESSURE: NP

VAPOR DENSITY: NP

BOILING POINT: NP

SOLUBILITY IN WATER/MISCIBILITY: None

SPECIFIC GRAVITY: 1.05

8. STABILITY AND REACTIVITY:

CHEMICAL STABILITY: Stable

CONDITIONS TO AVOID: Avoid temperatures above 572F, 300C. Product can decompose at elevated temp's.

INCOMPATIBILITY WITH OTHER COMPOUNDS: None known.

HAZARDOUS DECOMPOSITION PRODUCTS: Processing may release fumes which may include polymer fragments and other decomposition products. Fumes can be irritating.

HAZARDOUS POLYMERIZATION: Will not occur.

9. TOXICOLOGICAL INFO:

INGESTION: Single dose oral LD50 has not been determined.

10. ECOLOGICAL INFO:

ENVIRONMENTAL FATE:

MOVEMENT AND PARTITIONING- No bioconcentration is expected because of the high molecular weight (MW 1000). In the terrestrial environment, material is expected to remain in the soil. In the aquatic environment, material will sink and remain in the sediment.

DEGRADATION & PERSISTENCE: Surface degradation is expected with exposure to

sunlight. No appreciable biodegradation is expected.

ECOTOXICITY: Not expected to be acutely toxic.

11. DISPOSAL CONSIDERATIONS:

DISPOSAL: For unused and uncontaminated product, the preferred options include sending to a licensed, permitted: recycler, reclaimer, incinerator or other thermal destruction service.

12. TRANSPORT INFO:

U.S. Department of Transportation (D.O.T):

This product is not regulated by D.O.T. when shipped domestically by land.

Canada TDG Info:

This product is not regulated by TDG when shipped domestically by land.

13. REGULATORY INFO:

NOTICE: The information herein is presented in good faith and believed to be accurate as of the effective date above. However, no warranty, express or other implied is given. Regulatory requirements are subject to change and may differ from one location to another.; with federal, state or provincial, and local laws. The following specific information is made for the purpose of complying with numerous federal, state or provincial, and local laws and regulations. See other sections for safety and health information.

U.S.REGULATIONS:

SARA HAZARD CATEGORY- This product has been reviewed according to the EPA "Hazard Categories" promulgated under Sections 311 and 312 of the Superfund Amendment and Reauthorization Act of 1986. (Sara Title III) and is considered, under applicable definitions, to meet the following categories:
Not to have met any hazard category

TOXIC SUBSTANCES CONTROL ACT (TSCA):

All ingredients are on the TSCA inventory and are not required to be listed on the TSCA inventory.

STATE RIGHT TO KNOW: This product is not known to contain any substances subject to the disclosure requirements of

New Jersey
Pennsylvania

CANADIAN REGULATIONS:

WHMIS INFO: The Canadian Workplace Hazardous Materials Information System Classification for the product:

This product is not a "Controlled Product" under WHMIS.

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