

**CHASE CORPORATION  
CONSTRUCTION PRODUCTS DIVISION  
MATERIAL SAFETY DATA SHEET**

**Product: E-CRETE 57 BLACK (Part B)**

**1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION**

**MANUFACTURED BY:** ROYSTON DIVISION OF CHASE CORP.  
128 FIRST STREET  
PITTSBURGH, PA 15238

**GENERAL INFORMATION:** 412-828-1500

**EMERGENCY, CHEMTEL:** 888-255-3924, Only in the event of chemical emergencies involving a spill, leak, fire, exposure or any accident involving chemicals. Outside US call, 01-813-248-0585

**REVISION DATE:** 08/07/07  
**PREPARED BY:** B.RADMARD

**2. COMPOSITION/INFORMATION ON INGREDIENTS**

<u>CAS NUMBER</u>	<u>IDENTIFICATION</u>	<u>APP. % BY WGT.</u>
009016-87-9 53306-54-0 101-68-8	(Specific Chemical Identity; Common Name(s))  Polymethylene polyphenyl isocyanate Di-(2-propyl heptyl) phthalate Methylene bis(phenyl isocyanate)	PROP. PROP. 20%

**3. HAZARDOUS IDENTIFICATION**

**HAZARDOUS POLYMERIZATION:** Will Not Occur

**ROUTES OF EXPOSURE:** Inhalation, Skin, Eyes and Ingestion.

**IMMEDIATE EFFECTS:**

**INHALATION:** Causes irritation of nasal passages and throat.

**SKIN CONTACT:** Can cause moderate skin injury (reddening and swelling). Repeated or prolonged contact can cause drying of skin and dermatitis.

**EYE CONTACT:** Liquid and vapors are irritating to eyes. Can cause moderate injury to the eye.

**INGESTION:** Obtain immediate medical attention.

**MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE:**

Significant exposure to these chemicals may adversely affect people with chronic disease of the respiratory system, skin, and/or eyes. May cause allergic sensitization.

**4. FIRST AID MEASURES**

**GENERAL ADVICE:** Consult Physician immediately.

**INHALATION:** Remove victim to fresh air and provide oxygen if breathing is difficult.

**SKIN CONTACT:** Flush with water while removing contaminated clothing. Wash skin with soap and water.

**EYE CONTACT:** Flush eyes for at least 15 minutes with running water. If irritation persists, see a Physician.

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INGESTION: If appreciable quantities are ingested, contact a physician immediately. Do not induce vomiting. If vomiting occurs spontaneously keep head below hips to prevent aspiration into lungs, which may be fatal.

**5. FIRE FIGHTING MEASURES**

SUITABLE EXTINGUISHING MEDIA: Foam, Carbon Dioxide or dry chemical for small fires; aqueous foam or water for large fires. Use self-contained breathing apparatus if applicable.

**6. ACCIDENTAL RELEASE MEASURES**

PRECAUTIONS FOR PERSONNEL: Wear protective clothing. Use self-contained breathing apparatus if required.

ENVIRONMENTAL PRECAUTIONS: Avoid discharge to drains, sewers and natural water supply.

PROCESS FOR CLEANING: Absorb with inert material. Remove sources of ignition. Scoop material with non-sparking tools. Flush area with water. Prevent washings from entering waterways.

**7. HANDLING AND STORAGE**

HANDLING: Ventilate work area sufficiently. Keep containers closed. Avoid contact with eyes, skin and clothing.

STORAGE: Store in a cool dry place. Do not allow the product to freeze.

**8. EXPOSURE RESTRICTIONS AND PERSONAL PROTECTION**

MATERIALS WITH LIMITS THAT REQUIRE SUPERVISION:

<u>CAS NUMBER</u>	<u>IDENTIFICATION</u>	<u>APP. % BY WGT.</u>	<u>NIOSH REL</u>	<u>VALUE</u>	<u>UNIT</u>
101-68-8	(Specific Chemical Identity; Common Names) Methylene bis(phenyl isocyanate)	20	TWA	0.005 (0.051)	ppm/(mg/m3)

ADDITIONAL ADVICE: Use personal protective equipment, i.e., suitable work clothing, eye goggles and protective gloves. If spraying utilize protective facemask.

**9. PHYSICAL PROPERTIES**

ODOR: AROMATIC

<u>CHANGE OF STATE</u>	<u>VALUE/AREA</u>	<u>UNIT</u>	<u>METHOD</u>
FREEZING POINT:	N/A	°C	
BOILING POINT:	N/A	°C	
FLASH POINT:	>300 °C	°C (°F)	TCC
IGNITION TEMPERATURE:			
SPECIFIC GRAVITY:	N/A	H <sub>2</sub> O = 1	
% VOLATILE BY VOLUME:	N/A	%	
SOLUBILITY IN WATER:	Insignificant		
PH VALUE:	N/A		
VISCOSITY:	124	CPS	
FLAMMABLE LIMITS:	LEL N/E UEL N/E		
EVAPORATION RATE:	N/E	BUAC = 1	

**10. STABILITY AND REACTIVITY**

STABILITY: Stable.  
CONDITIONS TO AVOID: Excessive Heat.

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MATERIALS TO AVOID: Incompatible with strong oxidizing agents. Reacts violently with water and alcohols.  
DECOMPOSITION PRODUCTS: Carbon Monoxide, Carbon Dioxide.  
EYES: Splashes or spray vapors may cause irritation.  
SKIN: Substance may be an irritant for sensitive skin.  
INHALATION: May cause nausea/dizziness in some people when used in confined/unventilated areas. Move patient to fresh air. Give nothing by mouth.  
CONSUMPTION: If accidentally swallowed, may cause discomfort. Do not induce vomiting. Seek medical assistance.

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**11. TOXICOLOGICAL INFORMATION**

ACUTE ORAL LD: N.E.  
ACUTE DERMAL: N.E.  
ACUTE INHALATION: N.E.  
OTHER: N.E.

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**12. ECOLOGICAL INFORMATION**

VOLATILE ORGANIC COMPOUNDS: N/A Grams Per Liter (g/l). N/A Pounds Per Gallon (lb/g).

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**13. DISPOSAL CONSIDERATIONS**

DISPOSAL METHOD: Burial in an approved landfill. Disposal should be made in accordance with Federal, State and Local regulations.

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**14. TRANSPORT INFORMATION**

SHIPPING CLASS: Not Regulated.

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**15. REGULATORY INFORMATION**

SARA SECTION 302:  
SARA (311,312) HAZARD CLASS:  
SARA (313) CHEMICALS:  
CERCLA:  
CPSC CLASSIFICATION:  
HMIS: FLAMMABILITY: 2 REACTIVITY: 1 HEALTH: 3  
NFPA: FLAMMABILITY: 2 REACTIVITY: 1 HEALTH: 3

CALIFORNIA PROPOSITION 65:

- A. This product contains a chemical known to the State of CA to cause birth defects or other reproductive harm.  
 B. This product contains a chemical known to the State of CA to cause cancer.  
 C. This product contains a chemical known to the State of CA to cause cancer and birth defects or other reproductive harm.
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**16. OTHER INFORMATION**

THIS DATA IS OFFERED IN GOOD FAITH AS TYPICAL VALUES AND ARE NOT A PRODUCT SPECIFICATION. NO WARRANTY, EITHER EXPRESSED OR IMPLIED IS MADE. THE STATED RECOMMENDED HANDLING PROCEDURES ARE BELIEVED TO BE GENERALLY APPLICABLE. HOWEVER, EACH USER SHOULD REVIEW THESE RECOMMENDATIONS IN THE SPECIFIC CONTEXT OF THE INTENDED USE.

C = Ceiling Limit, NEGL = Negligible, N/A = Not Applicable, N/E = Not Established, PROP. = Proprietary.

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