

SAFETY DATA SHEET

ME4



IDENTIFICATION

Product Identifier

Trade Name: ME4
Chemical Name: Polyurethane Resin
Recommended Use: Component for the manufacture of Polyurethanes
Restrictions on Use:

Chemical Manufacturer Information

Name: Green Crete Technologies Phone: 317.343.0024
Address: 8523 S SR 9 Pendleton, IN 46064 Emergency Phone:
Website: www.greencretetech.com CHEMTREK: 800.424.9300

HAZARD IDENTIFICATION

Classification of the substance or mixture

GHS Classification:

- Skin irritation, Category 3
- Eye irritation, Category 2

Hazard Statements:

- May cause skin irritation
- May cause eye irritation
- May cause respiratory irritation

Precautionary Statements:

- Do not breathe dust / fume / gas / mist / vapors / spray
- Wear protective gloves/eye protection/face protection
- IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing
- IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
- IF ON SKIN: Wash with plenty of soap and water

FIRST AID MEASURES

Inhalation	Move to fresh air if symptoms develop. If breathing is difficult, give oxygen and call physician.
Eye Contact	Flush with water for at least 15 minutes. See a physician if irritation develops.
Ingestion	Induce vomiting; get medical attention.
Most Important symptoms and effects, acute and delayed	May cause skin or eye irritation upon contact. Avoid breathing vapors. The dense vapors can displace and reduce breathing air in confined or unventilated spaces causing asphyxiation. Overexposure may cause tremors, confusion, irritation, and may result in cardiac sensitization.
Indication of immediate medical attention and special treatment, if applicable	N/A
Skin Contact	Wash with soap and water at first opportunity.

COMPOSITION

Hazardous Components

Type of product: Mixture

CAS#	Weight %	Name
Proprietary	<1	Tertiary amine catalysts

EXPOSURE CONTROLS

Respiratory Protection

The specific respirator selected must be based on contamination levels of this material found in the workplace and the working limits of the respirator. A supplied air, full-face mask, positive pressure or continuous flow respirator or a supplied air hood is required when airborne concentrations are unknown or exceed threshold limit values. A positive pressure, self-contained breathing apparatus can be used in emergencies or other unusual situations. Full-face air purifying respirators equipped with organic vapor cartridges can be used in certain situations, see OSHA standard 29CFR 1910.134. All equipment must be NIOSH approved and maintained.

Hand, eye, skin, body protection

Chemical resistant protective gloves should be worn to prevent all skin contact. Wear eye/face protection. Wear suitable protective clothing.

DISPOSAL

Waste disposal

R component drums can be sent to drum reconditioners or disposed of as ordinary industrial waste in compliance with pertinent regulations

HANDLING & STORAGE

Precautions for safe handling

Store between 65°F and 85°F out of sunlight. Relieve pressure slowly when opening container.

Conditions for safe storage, including any incompatibilities

Keep tightly sealed.

SAFETY DATA SHEET KTC7



IDENTIFICATION

Product Identifier

Trade Name: KTC7
Chemical Name: Diphenylmethane Diisocyanate (MDI)
Recommended Use: Component for production of polyurethanes
Restrictions on Use:

Chemical Manufacturer Information

Name: Green Crete Technologies Phone: 317.343.0024
Address: 8523 S SR 9 Pendleton, IN 46064 Emergency Phone:
Website: www.greencretetech.com CHEMTREK: 800.424.9300

HAZARD IDENTIFICATION

Classification of the substance or mixture

GHS Classification:

- Skin irritation, Category 2
- Acute toxicity, Inhalative, Category 4
- Sensitization of respiratory airways, Category 1
- Eye irritation, Category 2
- Carcinogenicity, Category 2
- Sensitization of the skin, Category 1
- Specific target organ toxicity (repeated exposure), Category 2
- Specific target organ toxicity (single exposure), Category 3

Hazard Statements:

- May cause an allergic skin reaction
- Causes skin irritation
- Harmful if inhaled
- Causes serious eye irritation
- May cause respiratory irritation
- May cause allergy or asthma symptoms or breathing difficulties if inhaled
- May cause damage to organs through prolonged or repeated exposure
- Suspected of causing cancer

Precautionary Statements:

- Do not breathe dust / fume / gas / mist / vapors / spray
- IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing
- Wear protective gloves/eye protection/face protection
- IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
- IF ON SKIN: Wash with plenty of soap and water

Other Hazards:

Persons with respiratory conditions should avoid handling this product.

DISPOSAL

Waste disposal

Incinerate or dispose of in a licensed facility. Do not discharge substance / product into sewer system. Do not burn empty drums or cut open with gas or an electric torch as toxic decomposition products may be liberated. Do not reuse empty containers.

COMPOSITION

Type of product: substance

CAS#	Weight %	Name
101-68-8	38.0%	Diphenylmethane-4, 4'-diisocyanate (MDI)
26447-40-5	< 10.0%	MDI Mixed Isomers
9016-87-9	< 55.0%	P-MDI

FIRST AID MEASURES

General	Remove contaminated clothing
Inhalation	Remove affected individual to fresh air and keep person calm. Assist in breathing if necessary. Immediate medical attention required.
Skin Contact	Wash affected areas with soap and water. Seek medical attention for irritation.
Eye Contact	Rinse for at least 15 minutes with water. Immediate medical attention required.
Ingestion	Rinse mouth and drink plenty of water. Do not induce vomiting. Immediate medical attention required.

EXPOSURE CONTROLS

Respiratory Protection

Respiratory protection required in insufficiently ventilated working areas and during spraying. An air-fed mask, or for short periods of work, a combination of charcoal filter and particulate filter is recommended.

Hand, eye, skin, body protection:

Chemical resistant protective gloves should be worn to prevent all skin contact. Wear eye/face protection. Wear suitable protective clothing.

HANDLING & STORAGE

Precautions for safe handling

Provide sufficient air exchange and/or exhaust in work rooms. Occupational exposure limits should not be exceeded (refer to Exposure Limit and Exposure Controls). Contact with skin and eyes and inhalation of vapors must be avoided. Keep away from foodstuffs, drinks, and tobacco. Wash hands before breaks and at end of work.

Conditions for safe storage, including any incompatibilities

Keep container tightly closed and protect against moisture. Segregate from bases. Store from 32°F - 110°F.