This is a kit that contains the following components:

DYMERIC 240 FC
DYMERIC 240 FC CURATIVE
SECTION 1 - PRODUCT IDENTIFICATION

Trade name: DYMERIC 240 FC  
Product code: 862240 802

COMPANY: Tremco Incorporated  
3735 Green Road  
Cleveland, OH 44122

TelephoneNumber: (216) 292-5000 8:30 - 5:00 EST  
Emergency Phone: (216) 765-6727 8:30 - 5:00 EST  
After Hours: Chemtrec 1-800-424-9300

SECTION 2 - HAZARDS IDENTIFICATION

Emergency Overview
Off-White. Liquid solution. Vapor may irritate respiratory tract. May cause nausea, headaches, and dizziness. Leave area to breathe fresh air. Avoid further overexposure. If symptoms persist, get medical attention.

Acute Potential Health Effects/ Routes of Entry
Inhalation: Vapor may irritate respiratory tract. May cause nausea, headaches, and dizziness.
Eyes: Direct contact may cause mild irritation. May cause temporary injury.
Ingestion: May cause gastrointestinal irritation, nausea, and vomiting.
Skin: May cause sensitization resulting in irritation, itching and redness.

Aggravated Medical Conditions
Pre-existing eye, skin, liver, kidney, and respiratory disorders may be aggravated by exposure.

Chronic Health Effects
Prolonged or repeated exposure to butyl benzyl phthalate may cause reduced body weights and adverse effects on the liver, kidney, spleen, pancreas, and reproductive organs. The International Agency for Research on Cancer (IARC) has classified ceramic fiber, fibrous glasswool, and mineral wool (rockwool and slagwool) as possible human carcinogens (Group 2B) based on sufficient evidence of carcinogenicity in animals but insufficient data in humans. In the National Toxicology Program's (NTP) 7th Annual Report on Carcinogens (1994), respirable glasswool was classified as reasonably anticipated to be carcinogenic. Di(2-ethylhexyl) phthalate, (dioctyl phthalate) given in the diet, produced increased incidence of liver cancers in female rats and male and female mice. An increased incidence of liver cancers or neoplasms were observed in male rats. OSHA considers fibrous glass dust a nuisance dust. Fibrous glass can cause dermatitis, local irritation. Fillers are encapsulated and not expected to be released from product under normal conditions of use.

Target Organs: Skin, Eye, Ingestion, Lung

SECTION 3 - PRODUCT COMPOSITION

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS-No.</th>
<th>Weight %</th>
</tr>
</thead>
<tbody>
<tr>
<td>Polyether polyol</td>
<td>NJ TSRN# 51721300-5317P</td>
<td>40.0 - 70.0</td>
</tr>
<tr>
<td>Calcium carbonate</td>
<td>471-34-1</td>
<td>40.0 - 70.0</td>
</tr>
</tbody>
</table>
SECTION 4 - FIRST AID MEASURES

Get immediate medical attention for any significant overexposure.

Inhalation : Leave area to breathe fresh air. Avoid further overexposure. If symptoms persist, get medical attention.

Eye contact : Flush with water for 15 minutes. If irritation persists, get medical attention.

Skin contact : Wash area of contact thoroughly with hand cleaner followed by soap and water. If irritation, rash or other disorders develop, get medical attention immediately.

Ingestion : Do not induce vomiting unless advised by a physician. Call nearest Poison Control Center or Physician immediately.

SECTION 5 - FIRE FIGHTING MEASURES

Flash point : Not available.
Method : Not available.
Lower explosion limit : Not available.
Upper explosion limit : Not available.
Autoignition temperature : Not available.
Extinguishing media : If water fog is ineffective, use carbon dioxide, dry chemical or foam.
Hazardous combustion products : Smoke, fumes. Carbon monoxide and carbon dioxide can form.
Protective equipment for firefighters : Water may be used to cool containers to minimize pressure build-up. Use accepted fire fighting techniques. Wear full firefighting protective clothing, including self-contained breathing apparatus (SCBA).

Fire and explosion conditions : Closed container, may burst when exposed to extreme heat. Empty containers may contain ignitable vapors. Vapor concentrations in enclosed areas may ignite explosively. Vapors may travel to sources of ignition and flashback.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

Use appropriate protective equipment. Avoid contact with material. Remove sources of ignition immediately. Stop flow of material if safe to do so. Contain spill and keep out of water courses. Ventilate area.

SECTION 7 - HANDLING AND STORAGE

Store under dry warehouse conditions away from heat and all ignition sources. Store in a cool, well ventilated area. Prevent inhalation of vapor, ingestion, and contact with skin eyes and clothing. Keep container closed.
when not in use. Precautions also apply to emptied containers. Do not smoke, weld, generate sparks, or use flame near container. Change soiled work clothes frequently. Clean hands thoroughly after handling.

SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

Personal protection equipment
Respiratory protection: Wear appropriate, properly fitted NIOSH/MSHA approved organic vapor or supplied air respirator when airborne contaminant level(s) are expected to exceed exposure limits indicated on the MSDS. Follow manufacturer’s directions for respirator use.

Hand protection: Use suitable impervious nitrile or neoprene gloves and protective apparel to reduce exposure.

Eye protection: Chemical splash goggles.

Protective measures: Use professional judgment in the selection, care, and use.

Engineering measures: Use only in well ventilated areas. Provide maximum ventilation in enclosed areas. Use general ventilation and/or local exhaust to reduce the airborne contaminant concentration below the exposure limit listed in the MSDS.

Exposure Limits

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS Number</th>
<th>Regulation</th>
<th>Limit</th>
<th>Form</th>
</tr>
</thead>
<tbody>
<tr>
<td>Calcium carbonate</td>
<td>471-34-1</td>
<td>ACGIH TWA:</td>
<td>10 mg/m³</td>
<td>Respirable fraction.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>OSHA PEL:</td>
<td>5 mg/m³</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>OSHA PEL:</td>
<td>15 mg/m³</td>
<td>Total dust.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>OSHA TWA:</td>
<td>15 mg/m³</td>
<td>Total dust.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>OSHA TWA:</td>
<td>5 mg/m³</td>
<td>Respirable fraction.</td>
</tr>
<tr>
<td>Fibrous Glass</td>
<td>65997-17-3</td>
<td>ACGIH TWA:</td>
<td>5 mg/m³</td>
<td>Inhalable fraction.</td>
</tr>
<tr>
<td>Calcium oxide</td>
<td>1305-78-8</td>
<td>ACGIH TWA:</td>
<td>2 mg/m³</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>OSHA PEL:</td>
<td>5 mg/m³</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>OSHA TWA:</td>
<td>15 mg/m³</td>
<td>Total dust.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>OSHA TWA:</td>
<td>5 mg/m³</td>
<td>Respirable fraction.</td>
</tr>
<tr>
<td>Dioctyl phthalate</td>
<td>117-81-7</td>
<td>ACGIH TWA:</td>
<td>5 mg/m³</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>OSHA PEL:</td>
<td>5 mg/m³</td>
<td></td>
</tr>
</tbody>
</table>

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
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</thead>
<tbody>
<tr>
<td>Form</td>
<td>Liquid solution</td>
</tr>
<tr>
<td>Color</td>
<td>Off-White</td>
</tr>
<tr>
<td>Odor</td>
<td>Mild Ester</td>
</tr>
<tr>
<td>pH</td>
<td>Not available.</td>
</tr>
<tr>
<td>Vapour pressure</td>
<td>Not available.</td>
</tr>
<tr>
<td>Vapor density</td>
<td>Heavier than air</td>
</tr>
</tbody>
</table>
Material Safety Data Sheet

DYMERIC 240 FC

Version 1.3  Print Date 09/11/2006

REVISION DATE: 09/01/2006

Melting point/range : Not available.
Freezing point : Not available.
Boiling point/range : Not available.
Water solubility : NA
Specific Gravity : 0.966
% Volatile Weight : 0 %

SECTION 10 - REACTIVITY / STABILITY

Substances to avoid : Epoxy curing agents. Amines and oxidizing agents.
Stability : Material is stable under normal storage, handling, and use.
Hazardous polymerization : Will not occur.

SECTION 11 - TOXICOLOGICAL INFORMATION

Calcium carbonate, CAS-No.: 471-34-1
  Acute oral toxicity (LD-50 oral) 6,450 mg/kg ( Rat )
Butyl benzyl phthalate, CAS-No.: 85-68-7
  Acute oral toxicity (LD-50 oral) 13,500 mg/kg ( Rat )
Dioctyl phthalate, CAS-No.: 117-81-7
  Acute oral toxicity (LD-50 oral) 25,000 mg/kg ( Rat )
  Acute dermal toxicity (LD-50 dermal) 25,000 mg/kg ( Rabbit )

SECTION 12 - ECOLOGICAL INFORMATION

No Data Available

SECTION 13 - DISPOSAL CONSIDERATIONS

Disposal Method : Recycle or dispose of in compliance with local, provincial and federal regulations.

SECTION 14 - TRANSPORTATION / SHIPPING DATA

TDG / DOT Shipping Description:
NOT REGULATED

SECTION 15 - REGULATORY INFORMATION

North American Inventories:
All components are listed or exempt from the TSCA inventory.
This product or its components are listed on, or exempt from the Canadian Domestic Substances List.
Material Safety Data Sheet

DYMERIC 240 FC

Version 1.3

REVISION DATE: 09/01/2006

U.S. Federal Regulations:

SARA 313 Components : Dioctyl phthalate 117-81-7

SARA 311/312 Hazards : Acute Health Hazard

OSHA Hazardous Components:

Calcium carbonate 471-34-1
Fibrous Glass 65997-17-3
Calcium oxide 1305-78-8
Dioctyl phthalate 117-81-7

OSHA Status: Considered hazardous based on the following criteria:

OSHA Flammability : Not Regulated

Regulatory VOC (less water and exempt solvent) : 0 g/l

VOC Method 310 : 0 %

Chemical is listed as an IARC, NTP, OSHA, or ACGIH Carcinogen:
Fibrous Glass 65997-17-3

U.S. State Regulations:

MASS RTK Components : Calcium carbonate 471-34-1
Fibrous Glass 65997-17-3
Calcium oxide 1305-78-8
Butyl benzyl phthalate 85-68-7

Penn RTK Components : Calcium carbonate 471-34-1
Polyether polyol NJ TSRN# 51721300-5317P
Fibrous Glass 65997-17-3
Calcium oxide 1305-78-8
Butyl benzyl phthalate 85-68-7

NJ RTK Components : Calcium carbonate 471-34-1
Polyether polyol NJ TSRN# 51721300-5317P
Fibrous Glass 65997-17-3
Calcium oxide 1305-78-8
Butyl benzyl phthalate 85-68-7

Chemicals known to the State of California to cause cancer birth defects and/or other reproductive harm:

65997-17-3 Fibrous Glass
117-81-7 Dioctyl phthalate
14808-60-7 Crystalline Silica (Quartz)/ Silica Sand
SECTION 16 - OTHER INFORMATION

HMIS Rating :

<table>
<thead>
<tr>
<th>Health</th>
<th>2</th>
<th>0 = Minimum</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flammability</td>
<td>1</td>
<td>1 = Slight</td>
</tr>
<tr>
<td>Reactivity</td>
<td>0</td>
<td>2 = Moderate</td>
</tr>
<tr>
<td>PPE</td>
<td>0</td>
<td>3 = Serious</td>
</tr>
<tr>
<td></td>
<td></td>
<td>4 = Severe</td>
</tr>
</tbody>
</table>

Further information:

For Industrial Use Only. Keep out of Reach of Children. The hazard information herein is offered solely for the consideration of the user, subject to their own investigation of compliance with applicable regulations, including the safe use of the product under every foreseeable condition.

Prepared by: Rich Mikol

Legend

ACGIH - American Conference of Governmental Hygienists
CERCLA - Comprehensive Environmental Response, Compensation, and Liability Act
DOT - Department of Transportation
DSL - Domestic Substance List
EPA - Environmental Protection Agency
HMIS - Hazardous Materials Information System
IARC - International Agency for Research on Cancer
MSHA - Mine Safety Health Administration
NDSL - Non-Domestic Substance List
NIOSH - National Institute for Occupational Safety and Health
NTP - National Toxicology Program
OSHA - Occupational Safety and Health Administration

PEL - Permissible Exposure Limit
RCRA - Resource Conservation and Recovery Act
RTK - Right To Know
SARA - Superfund Amendments and Reauthorization Act
STEL - Short Term Exposure Limit
TLV - Threshold Limit Value
TSCA - Toxic Substances Control Act
TWA - Time Weighted Average
V - Volume
VOC - Volatile Organic Compound
WHMIS - Workplace Hazardous Materials Information System
Material Safety Data Sheet

DYMERIC 240 FC CURATIVE

SECTION 1 - PRODUCT IDENTIFICATION

Trade name: DYMERIC 240 FC CURATIVE
Product code: 862240 802

COMPANY: Tremco Incorporated
3735 Green Road
Cleveland, OH 44122
Telephone: (216) 292-5000 8:30 - 5:00 EST
Emergency Phone: (216) 765-6727 8:30 - 5:00 EST
After Hours: Chemtrec 1-800-424-9300

Product use: Sealant

SECTION 2 - HAZARDS IDENTIFICATION

Emergency Overview
Amber. Liquid solution. May cause slight irritation to the respiratory system. May cause nausea, headaches, and dizziness. May cause drowsiness, weakness, and fatigue. May cause allergic respiratory sensitization. Leave area to breathe fresh air. Avoid further overexposure. If symptoms persist, get medical attention. Move to fresh air. If required, artificial respiration or administration of oxygen can be performed by trained personnel.

Acute Potential Health Effects/ Routes of Entry
Inhalation: May cause slight irritation to the respiratory system. May cause nausea, headaches, and dizziness. May cause drowsiness, weakness, and fatigue. May cause allergic respiratory sensitization.
Eyes: Direct contact may cause mild irritation.
Ingestion: May cause gastrointestinal irritation, nausea, and vomiting.
Skin: May cause sensitization resulting in irritation, itching and redness.

Aggravated Medical Conditions
Pre-existing eye, skin and respiratory disorders may be aggravated by exposure.

Chronic Health Effects
Overexposure may cause dermatitis, asthma, skin and respiratory sensitization and decreased lung function. Organosilane may cause liver injury with fibrosis after repeated and prolonged overexposure. A long-term NTP study showed that oral exposure to toluene diisocyanate (TDI) caused cancer in rats and mice. A lifetime inhalation study sponsored by the International Isocyanate Institute did not show carcinogenic activity in rats. May cause allergic skin and respiratory sensitization. Fillers are encapsulated and not expected to be released from product under normal conditions of use.

Target Organs: Skin, Eye, Ingestion, Lung

SECTION 3 - PRODUCT COMPOSITION

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS-No.</th>
<th>Weight %</th>
</tr>
</thead>
<tbody>
<tr>
<td>862240 802</td>
<td>800000051685</td>
<td>9/14 862240 802</td>
</tr>
</tbody>
</table>
SECTION 4 - FIRST AID MEASURES

Get immediate medical attention for any significant overexposure.

Inhalation: Leave area to breathe fresh air. Avoid further overexposure. If symptoms persist, get medical attention. Move to fresh air. If required, artificial respiration or administration of oxygen can be performed by trained personnel.

Eye contact: Flush with water for at least 15 minutes while holding eye lids apart. Get medical attention immediately.

Skin contact: Clean area of contact thoroughly using soap and water. If irritation, rash or other disorders develop, get medical attention immediately.

Ingestion: Do not induce vomiting unless advised by a physician. Call nearest Poison Control Center or Physician immediately.

SECTION 5 - FIRE FIGHTING MEASURES

Flash point: > 200 °F, > 93 °C
Method: Setaflash Closed Cup
Lower explosion limit: Not available.
Upper explosion limit: Not available.
Autoignition temperature: Not available.
Extinguishing media: If water fog is ineffective, use carbon dioxide, dry chemical or foam.
Hazardous combustion products: Carbon monoxide and carbon dioxide can form. Hydrocyanic acid and nitrogen oxides can form.
Protective equipment for firefighters: Use accepted fire fighting techniques. Wear full firefighting protective clothing, including self-contained breathing apparatus (SCBA).

SECTION 6 - ACCIDENTAL RELEASE MEASURES

Use appropriate protective equipment. Avoid contact with material. Scrape up and transfer to appropriate container for disposal.

SECTION 7 - HANDLING AND STORAGE

Prevent inhalation of vapor, ingestion and contact with skin, eyes and clothing. Preferably use entire contents in one continuous work session. Do not smoke, weld, generate sparks, or use flame near container. Change soiled work clothes frequently. Clean hands thoroughly after handling. Do not store or use near food. Keep container closed when not in use. Since emptied containers retain product residue and vapor, observe precautions even after container is emptied. Store under dry warehouse conditions away from heat and all ignition sources.
SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

Personal protection equipment

Respiratory protection: Wear appropriate, properly fitted NIOSH/MSHA approved organic vapor or supplied air respirator when airborne contaminant level(s) are expected to exceed exposure limits indicated on the MSDS. Follow manufacturer’s directions for respirator use.

Hand protection: Use suitable impervious nitrile or neoprene gloves and protective apparel to reduce exposure.

Eye protection: Wear appropriate eye protection. Use safety glasses if eye contact is likely.

Skin and body protection: Use disposable or impervious clothing if work clothing contamination is likely. Remove and wash contaminated clothing before reuse.

Protective measures: Use professional judgment in the selection, care, and use.

Engineering measures: Use general ventilation and/or local exhaust to reduce the airborne contaminant concentration below the exposure limit listed in the MSDS.

Exposure Limits

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS Number</th>
<th>Regulation</th>
<th>Limit</th>
<th>Form</th>
</tr>
</thead>
<tbody>
<tr>
<td>2,4-Toluene diisocyanate</td>
<td>584-84-9</td>
<td>ACGIH TWA:</td>
<td>0.005 ppm</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>ACGIH STEL:</td>
<td>0.02 ppm</td>
<td></td>
</tr>
<tr>
<td>Toluene-2,6-Diisocyanate</td>
<td>91-08-7</td>
<td>ACGIH TWA:</td>
<td>0.005 ppm</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>ACGIH STEL:</td>
<td>0.02 ppm</td>
<td></td>
</tr>
</tbody>
</table>

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Form: Liquid solution
Color: Amber
Odor: Mild
pH: Not available.
Vapour pressure: Not available.
Vapor density: Heavier than air
Melting point/range: Not available.
Freezing point: Not available.
Boiling point/range: Not available.
Water solubility: Negligible
Specific Gravity: 1.06
% Volatile Weight: 0 %
**DYMERIC 240 FC CURATIVE**

**SECTION 10 - REACTIVITY / STABILITY**

Substances to avoid: Amines, Water or moisture and oxidizing agents, Alcohols, Strong acids, Strong bases.

Stability: Material is stable under normal storage, handling, and use.

Hazardous polymerization: Will not occur.

**SECTION 11 - TOXICOLOGICAL INFORMATION**

2,4-Toluene diisocyanate, CAS-No.: 584-84-9

- Acute oral toxicity (LD-50 oral): 5,800 mg/kg (Rat)
- Acute inhalation toxicity (LC-50): 14 mg/l (Rat)

**SECTION 12 - ECOLOGICAL INFORMATION**

No Data Available

**SECTION 13 - DISPOSAL CONSIDERATIONS**

Disposal Method: Waste not regulated under RCRA. Incinerate at EPA approved facility or dispose of waste in compliance with state and local regulations.

**SECTION 14 - TRANSPORTATION / SHIPPING DATA**

TDG / DOT Shipping Description: NOT REGULATED

**SECTION 15 - REGULATORY INFORMATION**

**North American Inventories:**

All components are listed or exempt from the TSCA inventory.

This product or its components are listed on, or exempt from the Canadian Domestic Substances List.

**U.S. Federal Regulations:**

- SARA 313 Components: 2,4-Toluene diisocyanate 584-84-9
  Toluene-2,6-Diisocyanate 91-08-7

- SARA 311/312 Hazards: Acute Health Hazard
  Chronic Health Hazard

**OSHA Hazardous Components:**

- 2,4-Toluene diisocyanate 584-84-9
  Toluene-2,6-Diisocyanate 91-08-7
OSHA Status: Considered hazardous based on the following criteria:

- Irritant
- Sensitizer

OSHA Flammability: Not Regulated

Regulatory VOC (less water and exempt solvent): 5 g/l

VOC Method 310: 0 %

U.S. State Regulations:

Penn RTK Components: Polyurethane polymer  NJ TSRN# 51721300-5028P

NJ RTK Components: Polyurethane polymer  NJ TSRN# 51721300-5028P

Chemicals known to the State of California to cause cancer birth defects and/or other reproductive harm:

584-84-9 2,4-Toluene diisocyanate
91-08-7 Toluene-2,6-Diisocyanate

SECTION 16 - OTHER INFORMATION

HMIS Rating:

<table>
<thead>
<tr>
<th>Health</th>
<th>2</th>
<th>0 = Minimum</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flammability</td>
<td>1</td>
<td>1 = Slight</td>
</tr>
<tr>
<td>Reactivity</td>
<td>1</td>
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<td>PPE</td>
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<td></td>
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Prepared by: Rich Mikol

Legend

- ACGIH - American Conference of Governmental Hygienists
- CERCLA - Comprehensive Environmental Response, Compensation, and Liability Act
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- RTK - Right To Know
- SARA - Superfund Amendments and Reauthorization Act
- STEL - Short Term Exposure Limit
- TLV - Threshold Limit Value
- TSCA - Toxic Substances Control Act
Material Safety Data Sheet

DYMERIC 240 FC CURATIVE

Version 1.3
REVISION DATE: 09/01/2006

MSHA - Mine Safety Health Administration
NDSL - Non-Domestic Substance List
NIOSH - National Institute for Occupational Safety and Health
NTP - National Toxicology Program
OSHA - Occupational Safety and Health Administration

TWA - Time Weighted Average
V - Volume
VOC - Volatile Organic Compound
WHMIS - Workplace Hazardous Materials Information System

OSHA - Occupational Safety and Health Administration