



**DYMERIC 240**

Version 1.2  
REVISION DATE: 09/01/2006

Print Date 09/11/2006

This is a kit that contains the following components:

DYMERIC NEUTRAL BASE  
DYMERIC CURATIVE

**DYMERIC NEUTRAL BASE**Version 1.2  
REVISION DATE: 09/01/2006

Print Date 09/11/2006

**SECTION 1 - PRODUCT IDENTIFICATION**

Trade name : DYMERIC NEUTRAL BASE  
 Product code : 863201 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

**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**

Chlorinated paraffin wax in product was reported by NTP to cause cancer in experimental animals when ingested. Inhalation of crystalline silica (quartz) can cause cancer based on animal data, and IARC concludes sufficient evidence in humans (Group 1). Prolonged and repeated overexposure to free crystalline silica dust above the TLV level may cause scarring of the lungs with cough and shortness of breath. A delayed lung injury, silicosis may result from breathing free silica. Fillers are encapsulated and not expected to be released from product under normal conditions of use. Prolonged or repeated exposure to mineral spirits (petroleum naphtha or stoddard solvent) may cause defatting, drying, and irritation of the skin, dermatitis, central nervous system (CNS) effects, and adverse liver, kidney, and lung effects.

**Target Organs:** Skin, Eye, Ingestion, Lung

**SECTION 3 - PRODUCT COMPOSITION**

Chemical Name	CAS-No.	Weight %
Polyurethane prepolymer, epoxy modified	NJ TSN# 51721300-5009P	40.0 - 70.0
Calcium Carbonate (Limestone)	1317-65-3	15.0 - 40.0
Chlorinated Paraffin Wax	NJ TSN# 51721300-5007P	10.0 - 30.0

**DYMERIC NEUTRAL BASE**

Version 1.2  
 REVISION DATE: 09/01/2006

Print Date 09/11/2006

Castor oil derivative/modified castor oil	NJ TSN# 51721300-5008P	5.0 - 10.0
Stoddard solvent (Mineral Spirits)	8052-41-3	1.0 - 5.0
Crystalline Silica (Quartz)/ Silica Sand	14808-60-7	- <1.0

**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.
- Burning rate : Non-flammable solid
- 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

**DYMERIC NEUTRAL BASE**

Version 1.2  
 REVISION DATE: 09/01/2006

Print Date 09/11/2006

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**

<u>Chemical Name</u>	<u>CAS Number</u>	<u>Regulation</u>	<u>Limit</u>	<u>Form</u>
Calcium Carbonate (Limestone)	1317-65-3	OSHA PEL: OSHA PEL: ACGIH TWA: ACGIH TWA: OSHA TWA: OSHA TWA:	5 mg/m3 15 mg/m3 3 mg/m3 10 mg/m3 15 mg/m3 5 mg/m3	Respirable fraction. Total dust. Respirable particles. Inhalable particles. Total dust. Respirable fraction.
Stoddard solvent (Mineral Spirits)	8052-41-3	ACGIH TWA: OSHA PEL:	100 ppm 2,900 mg/m3	
Crystalline Silica (Quartz)/ Silica Sand	14808-60-7	ACGIH TWA: OSHA TWA: OSHA TWA: OSHA PEL: OSHA PEL:	0.05 mg/m3 0.1 mg/m3 0.3 mg/m3 15 mg/m3 5 mg/m3	Respirable fraction. Respirable. Total dust. Total dust. Respirable fraction.

**SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES**

- Form : Liquid solution
- Color : Off-White
- Odor : MildPetroleum
- pH : Not available.
- Vapour pressure : Not available.
- Vapor density : Heavier than air

**DYMERIC NEUTRAL BASE**Version 1.2  
REVISION DATE: 09/01/2006

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Melting point/range : Not available.  
Freezing point : Not available.  
Boiling point/range : Not available.  
Water solubility : Negligible  
Specific Gravity : 1.284  
% Volatile Weight : 2 %

**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**

No Data Available

**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.

**U.S. Federal Regulations:**

SARA 313 Components : Chlorinated Paraffin Wax NJ TSRN# 51721300-5007P

SARA 311/312 Hazards : Acute Health Hazard

OSHA Hazardous Components :

**DYMERIC NEUTRAL BASE**

Version 1.2  
 REVISION DATE: 09/01/2006

Print Date 09/11/2006

Calcium Carbonate (Limestone)	1317-65-3
Chlorinated Paraffin Wax	NJ TSRN# 51721300-5007P
Stoddard solvent (Mineral Spirits)	8052-41-3
Crystalline Silica (Quartz)/ Silica Sand	14808-60-7

OSHA Status: Considered : Irritant  
 hazardous based on the Sensitizer  
 following criteria:

OSHA Flammability : Not Regulated

Regulatory VOC (less water and : 31 g/l  
 exempt solvent)

VOC Method 310 : 2 %

Chemical is listed as an IARC, NTP, OSHA, or ACGIH Carcinogen:  
 Crystalline Silica (Quartz)/ Silica Sand 14808-60-7

**U.S. State Regulations:**

MASS RTK Components : Calcium Carbonate (Limestone) 1317-65-3  
 Stoddard solvent (Mineral Spirits) 8052-41-3

Penn RTK Components : Polyurethane prepolymer, epoxy NJ TSRN# 51721300-5009P  
 modified  
 Calcium Carbonate (Limestone) 1317-65-3  
 Chlorinated Paraffin Wax NJ TSRN# 51721300-5007P  
 Castor oil derivative/modified castor NJ TSRN# 51721300-5008P  
 oil  
 Stoddard solvent (Mineral Spirits) 8052-41-3

NJ RTK Components : Polyurethane prepolymer, epoxy NJ TSRN# 51721300-5009P  
 modified  
 Calcium Carbonate (Limestone) 1317-65-3  
 Chlorinated Paraffin Wax NJ TSRN# 51721300-5007P  
 Castor oil derivative/modified castor NJ TSRN# 51721300-5008P  
 oil  
 Stoddard solvent (Mineral Spirits) 8052-41-3  
 Crystalline Silica (Quartz)/ Silica Sand 14808-60-7

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

108-88-3	Toluene
14808-60-7	Crystalline Silica (Quartz)/ Silica Sand
556-52-5	Glycidol

**DYMERIC NEUTRAL BASE**

Version 1.2  
 REVISION DATE: 09/01/2006

Print Date 09/11/2006

**SECTION 16 - OTHER INFORMATION**

**HMIS Rating :**

Health	2
Flammability	1
Reactivity	0
PPE	

0 = Minimum  
 1 = Slight  
 2 = Moderate  
 3 = Serious  
 4 = Severe

**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

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**SECTION 1 - PRODUCT IDENTIFICATION**

Trade name : DYMERIC CURATIVE  
Product code : 863201 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 : Curative

**SECTION 2 - HAZARDS IDENTIFICATION****Emergency Overview**

Amber. Liquid solution. May cause slight irritation to the respiratory system. Leave area to breathe fresh air. Avoid further overexposure. If symptoms persist, get medical attention.

**Acute Potential Health Effects/ Routes of Entry**

Inhalation : May cause slight irritation to the respiratory system.  
Eyes : Vapors or liquid may cause tearing, blurred vision, severe irritation, and possible chemical burns.  
Ingestion : May cause irritation to the mouth, throat and stomach. May cause chemical burns to stomach, mouth, nose, and throat.  
Skin : May cause moderate irritation. 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**

Prolonged and repeated overexposure to amines may cause liver and kidney damage based on animal studies. Prolonged or repeated exposure to xylene may cause defatting, drying, and irritation of the skin, dermatitis, central nervous system (CNS) effects, heart muscle sensitization and arrhythmia, hearing loss, and brain, liver, kidney damage. Xylene overexposure may affect fetal development. The International Agency for Research on Cancer (IARC) has evaluated ethylbenzene and classified it as a possible human carcinogen (Group 2B) based on sufficient evidence for carcinogenicity in experimental animals, but inadequate evidence for cancer in exposed humans. Fillers are encapsulated and not expected to be released from product under normal conditions of use. Prolonged or repeated exposure to mineral spirits (petroleum naphtha or stoddard solvent) may cause defatting, drying, and irritation of the skin, dermatitis, central nervous system (CNS) effects, and adverse liver, kidney, and lung effects.

**Target Organs:** Skin, Eye, Lung

**DYMERIC CURATIVE**Version 1.2  
REVISION DATE: 09/01/2006

Print Date 09/11/2006

**SECTION 3 - PRODUCT COMPOSITION**

Chemical Name	CAS-No.	Weight %
Amine fatty acid adduct	NJ TSRN# 51721300-5005P	> 60.0
Aliphatic naphtha	64742-88-7	7.0 - 13.0
Aliphatic amine	NJ TSRN# 51721300-5003P	1.0 - 5.0
Xylene	1330-20-7	1.0 - 5.0
Ethylbenzene	100-41-4	- <1.0

**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	:	126 °F, 52 °C
Method	:	Pensky Martens closed cup
Lower explosion limit	:	0.7 %(V) Solvent
Upper explosion limit	:	6 %(V) Solvent
Autoignition temperature	:	Not available.
Extinguishing media	:	If water fog is ineffective, use carbon dioxide, dry chemical or foam.
Hazardous combustion products	:	Carbon monoxide, carbon dioxide, and nitrogen oxides.
Protective equipment for firefighters	:	Use accepted fire fighting techniques. Wear full firefighting protective clothing, including self-contained breathing apparatus (SCBA).
Fire and explosion conditions	:	Product may ignite if heated in excess of its flash point.

**SECTION 6 - ACCIDENTAL RELEASE MEASURES**

Stop flow. Contain spill. Keep out of water courses. Absorb spill in sand, earth or other suitable material. Transfer to appropriate container for disposal.

**SECTION 7 - HANDLING AND STORAGE**

Store under normal warehouse conditions in sealed containers. Keep container closed when not in use. Vapor

**DYMERIC CURATIVE**Version 1.2  
REVISION DATE: 09/01/2006

Print Date 09/11/2006

may migrate to sources of ignition. Do not smoke, weld, generate sparks, or use flame near container. Change soiled work clothes frequently. Clean hands thoroughly after handling. 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. Handle in compliance with common hygienic practices. Clean hands thoroughly after handling.

**SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION****Personal protection equipment**

- Respiratory protection : Use full engineering controls before relying on personal protective equipment. Wear NIOSH/MSHA approved vapor respirator with appropriate cartridge when the vapor concentration is expected to exceed exposure limits indicated on the MSDS. Follow manufacturer's directions for respirator use.
- Hand protection : Protect hands with impervious gloves.
- Eye protection : Wear chemical safety goggles and/or face shield to prevent eye contact. Do not wear contact lenses. Do not touch eyes with contaminated body parts or materials. Have eye washing facilities readily available.
- Protective measures : Use professional judgment in the selection, care, and use.
- Engineering measures : Use local exhaust when the general ventilation is inadequate.

**Exposure Limits**

<u>Chemical Name</u>	<u>CAS Number</u>	<u>Regulation</u>	<u>Limit</u>	<u>Form</u>
Xylene	1330-20-7	ACGIH TWA: ACGIH STEL: OSHA PEL:	100 ppm 150 ppm 435 mg/m3	
Ethylbenzene	100-41-4	ACGIH TWA: ACGIH STEL: OSHA PEL:	100 ppm 125 ppm 435 mg/m3	

**SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES**

- Form : Liquid solution
- Color : Amber
- Odor : Solvent
- 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 : Not available.

**DYMERIC CURATIVE**Version 1.2  
REVISION DATE: 09/01/2006

Print Date 09/11/2006

Specific Gravity : 0.935  
% Volatile Weight : 11 %**SECTION 10 - REACTIVITY / STABILITY**Substances to avoid : Acids.  
Stability : Stable under normal conditions. Avoid welding arcs, flames or other high temperature sources.  
Hazardous polymerization : Will not occur under normal conditions.**SECTION 11 - TOXICOLOGICAL INFORMATION**Xylene, CAS-No.: 1330-20-7  
Acute oral toxicity (LD-50 oral) 3,523 - 8,600 mg/kg ( Rat )  
Acute inhalation toxicity (LC-50) 6,350 mg/l ( Rat )  
Ethylbenzene, CAS-No.: 100-41-4  
Acute oral toxicity (LD-50 oral) 3,500 mg/kg ( Rat )  
Acute dermal toxicity (LD-50 dermal) 17,800 mg/kg ( Rabbit )**SECTION 12 - ECOLOGICAL INFORMATION**

No Data Available

**SECTION 13 - DISPOSAL CONSIDERATIONS**RCRA Class : D001: Reportable Quantity = 100 lbs. (Characteristic of ignitability)  
This classification applies only to the material as it was originally produced.  
Disposal Method : Subject to hazardous waste treatment, storage, and disposal requirements under RCRA. Recycle or incinerate waste at EPA approved facility or dispose of in compliance with federal, state and local regulations.**SECTION 14 - TRANSPORTATION / SHIPPING DATA**TDG / DOT Shipping Description:  
NOT REGULATED**SECTION 15 - REGULATORY INFORMATION****North American Inventories:**  
This product or its components are listed on, or exempt from the Canadian Domestic Substances List.  
All components are listed or exempt from the TSCA inventory.

**DYMERIC CURATIVE**

Version 1.2  
 REVISION DATE: 09/01/2006

Print Date 09/11/2006

**U.S. Federal Regulations:**

SARA 313 Components : Xylene 1330-20-7  
 Ethylbenzene 100-41-4

SARA 311/312 Hazards : Acute Health Hazard  
 Fire Hazard

OSHA Hazardous Components :

Xylene 1330-20-7  
 Ethylbenzene 100-41-4

OSHA Status: Considered : Irritant  
 hazardous based on the  
 following criteria:

OSHA Flammability : II

Regulatory VOC (less water and : 107 g/l  
 exempt solvent)

VOC Method 310 : 11 %

**U.S. State Regulations:**

MASS RTK Components : Xylene 1330-20-7

Penn RTK Components : Amine fatty acid adduct NJ TSRN# 51721300-5005P  
 Aliphatic naphtha 64742-88-7  
 Xylene 1330-20-7

NJ RTK Components : Amine fatty acid adduct NJ TSRN# 51721300-5005P  
 Aliphatic naphtha 64742-88-7  
 Aliphatic amine NJ TSRN# 51721300-5003P  
 Xylene 1330-20-7

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

100-41-4 Ethylbenzene  
 108-88-3 Toluene  
 7664-93-9 Sulfuric acid

**SECTION 16 - OTHER INFORMATION**

**HMIS Rating :**

Health	2
Flammability	2
Reactivity	1
PPE	

0 = Minimum  
 1 = Slight  
 2 = Moderate  
 3 = Serious  
 4 = Severe

**DYMERIC CURATIVE**

Version 1.2  
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**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