



**EUCO # 456 PRIMER SEALER**

Version 1.3  
REVISION DATE: 09/29/2007

Print Date 10/22/2008

This is a kit that contains the following components:

EUCO 456 PRIMER SEALER PART A  
EUCO 456 MORTAR PART B



**EUCO 456 PRIMER SEALER PART A**Version 1.3  
REVISION DATE: 09/29/2007

Print Date 10/22/2008

**SECTION 1 - PRODUCT IDENTIFICATION / PREPARATION INFORMATION****Product Information**Trade name : EUCO 456 PRIMER SEALER PART A  
Product code : 037S 96Supplier : Euclid Canada  
2835 Grande-Allée  
St-Hubert, QC J4T 2R4  
Telephone : 1-800-667-0920  
Emergency Phone: : (613) 996-6666**Preparation Information**Prepared by: : Sewnauth Raghunandan  
Date: : 09/29/2007  
Telephone : (416) 421-3300**SECTION 2 - HAZARDS IDENTIFICATION****Emergency Overview**

Gray. 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 epoxy resin can cause irritation to skin, eyes, skin sensitization, temporary eye injury. Certain epoxy resins are reported to be mutagenic in some laboratory tests. Fillers are encapsulated and not expected to be released from product under normal conditions of use.

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

**SECTION 3 : HAZARDOUS INGREDIENTS**

Chemical Name	CAS-No.	Weight % Range
Bisphenol A Polyglycidyl Ether Resin	25068-38-6	> 60.0

**EUCO 456 PRIMER SEALER PART A**Version 1.3  
REVISION DATE: 09/29/2007

Print Date 10/22/2008

The ingredients listed above are hazardous as defined in the controlled products regulation. (CPR).

**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 / EXPLOSION HAZARDS**

- |                                       |   |   |
|---------------------------------------|---|---|
| Flash point                           | : | > 200 °F, > 93 °C   |
| Method                                | : | Setaflash Closed Cup  |
| Lower explosion limit                 | : | Not available.  |
| Upper explosion limit                 | : | Not available.  |
| Autoignition temperature              | : | Not available.  |
| Means of Extinction                   | : | 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 - SPILLS / LEAKS / 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

**EUCO 456 PRIMER SEALER PART A**Version 1.3  
REVISION DATE: 09/29/2007

Print Date 10/22/2008

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**

No known components with exposure limits.

**SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES**

- Physical State : Liquid
- Form : Liquid solution
- Color : Gray
- 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 : > 500 °F, > 260 °C
- Water solubility : Negligible
- Evaporation Rate: : Not available.
- Specific Gravity : 1.16
- % Volatile Weight : 0 %



**EUCO 456 PRIMER SEALER PART A**

Version 1.3  
REVISION DATE: 09/29/2007

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**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 - WASTE 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.

**Canadian Regulations:**

WHMIS Classification : D2B  
This is a "controlled product" under the Canadian Workplace Hazardous Materials Information System (WHMIS).  
This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all of the information required by the CPR.

**Other Regulations:**

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



**EUCO 456 PRIMER SEALER PART A**

Version 1.3  
 REVISION DATE: 09/29/2007

Print Date 10/22/2008

**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: Sewnauth Raghunandan**

**Legend**

- |   |  |
|---|--|
| ACGIH - American Conference of Governmental Hygienists        | OSHA - Occupational Safety and Health Administration     |
| DOT - Department of Transportation                            | PEL - Permissible Exposure Limit                         |
| DSL - Domestic Substance List                                 | RCRA - Resource Conservation and Recovery Act            |
| EPA - Environmental Protection Agency                         | STEL - Short Term Exposure Limit                         |
| HMIS - Hazardous Materials Information System                 | TLV - Threshold Limit Value                              |
| IARC - International Agency for Research on Cancer            | TSCA - Toxic Substances Control Act                      |
| MSHA - Mine Safety Health Administration                      | TWA - Time Weighted Average                              |
| NDSL - Non-Domestic Substance List                            | V - Volume   |
| NIOSH - National Institute for Occupational Safety and Health | VOC - Volatile Organic Compound                          |
| NTP - National Toxicology Program                             | WHMIS - Workplace Hazardous Materials Information System |





**EUCO 456 MORTAR PART B**Version 1.3  
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**SECTION 1 - PRODUCT IDENTIFICATION / PREPARATION INFORMATION****Product Information**Trade name : EUCO 456 MORTAR PART B  
Product code : 037S 96Supplier : Euclid Canada  
2835 Grande-Allée  
St-Hubert, QC J4T 2R4  
Telephone : 1-800-667-0920  
Emergency Phone: : (613) 996-6666

Product use : Curative

**Preparation Information**Prepared by: : Sewnauth Raghunandan  
Date: : 09/29/2007  
Telephone : (416) 421-3300**SECTION 2 - HAZARDS IDENTIFICATION****Emergency Overview**

Clear. Liquid. May cause slight irritation to the respiratory system. 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.  
Eyes : Vapors or liquid may cause tearing, blurred vision, severe irritation, and possible chemical burns.  
Ingestion : May cause gastrointestinal irritation, nausea, and vomiting. May cause chemical burns to stomach, mouth, nose, and throat.  
Skin : May cause itching, reddening, inflammation. May cause severe burns, blistering and skin damage. May cause sensitization resulting in irritation, itching and redness. May cause a rash.

**Aggravated Medical Conditions**

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

**Chronic Health Effects**

May cause sensitization by contact. Prolonged skin contact may cause irritation, burns or dermatitis. Repeated overexposure to vapors and/or material may injure the liver, kidneys and respiratory system unless suitable engineering controls and/or personal protective equipment are used. May aggravate persons sensitized to amines. Fillers are encapsulated and not expected to be released from product under normal conditions of use.

**EUCO 456 MORTAR PART B**Version 1.3  
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**SECTION 3 : HAZARDOUS INGREDIENTS**

Chemical Name	CAS-No.	Weight % Range
Triethylenetetramine	112-24-3	40.0 - 70.0
4-tert-Butylphenol	98-54-4	15.0 - 40.0
Benzyl alcohol	100-51-6	7.0 - 13.0

The ingredients listed above are hazardous as defined in the controlled products regulation. (CPR).

**SECTION 4 - FIRST AID MEASURES**

Get immediate medical attention for any significant overexposure.

Inhalation	:	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 / EXPLOSION HAZARDS**

Flash point	:	> 200 °F, > 93 °C
Method	:	Setaflash Closed Cup
Lower explosion limit	:	Not available.
Upper explosion limit	:	Not available.
Autoignition temperature	:	Not available.
Means of Extinction	:	If water fog is ineffective, use carbon dioxide, dry chemical or foam.
Hazardous combustion products	:	Carbon monoxide and carbon dioxide can form. Smoke, fumes. Nitrogen oxides can form.
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. Vapors may travel to sources of ignition and flashback. Vapor concentrations in enclosed areas may ignite explosively. Empty containers may contain ignitable vapors.

**EUCO 456 MORTAR PART B**Version 1.3  
REVISION DATE: 09/29/2007

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**SECTION 6 - SPILLS / LEAKS / 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**

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. Do not use in confined or poorly ventilated areas. Personal protective equipment must be worn during maintenance or repair of contaminated mixer, reactor, or other equipment. Store under dry warehouse conditions away from heat and all ignition sources.

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

- Respiratory protection : 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 : Use suitable impervious nitrile or neoprene gloves and protective apparel to reduce exposure.
- 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.
- Skin and body protection : Prevent contact with shoes and clothing. Use rubber apron and overshoes.
- Protective measures : Inspect and replace equipment at regular intervals. Use professional judgment in the selection, care, and use.
- Engineering measures** : Use only in well ventilated areas. Provide maximum ventilation in enclosed areas. Use local exhaust when the general ventilation is inadequate.

**Exposure Limits**

No known components with exposure limits.

**SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES**

- Physical State : Liquid
- Form : Liquid
- Color : Clear
- Odor : Amine
- pH : Not available.
- Vapour pressure : Not available.



**EUCO 456 MORTAR PART B**

Version 1.3  
 REVISION DATE: 09/29/2007

Print Date 10/22/2008

Vapor density : Heavier than air  
 Melting point/range : Not available.  
 Freezing point : Not available.  
 Boiling point/range : > 500 °F, > 260 °C  
 Water solubility : Negligible  
 Evaporation Rate: : Not available.  
 Specific Gravity : 1.075  
 % Volatile Weight : 21 %

**SECTION 10 - REACTIVITY / STABILITY**

Substances to avoid : Oxidizing agents.Epoxies.Isocyanates.Acids.  
 Stability : Material is stable under normal storage, handling, and use.  
 Hazardous polymerization : Will not occur under normal conditions.

**SECTION 11 - TOXICOLOGICAL INFORMATION**

Benzyl alcohol, CAS-No.: 100-51-6  
 Acute oral toxicity (LD-50 oral) 1,580 mg/kg ( Mouse ) 1,940 mg/kg ( Rabbit ) 3,100 mg/kg ( Rat )  
 Acute inhalation toxicity (LC-50) 1,230 - 3,100 mg/kg ( Rat )  
 200 - 300 mg/l for 8 h ( Rat ) 1,000 mg/l for 8 h ( Rat )

**SECTION 12 - ECOLOGICAL INFORMATION**

No Data Available

**SECTION 13 - WASTE DISPOSAL CONSIDERATIONS**

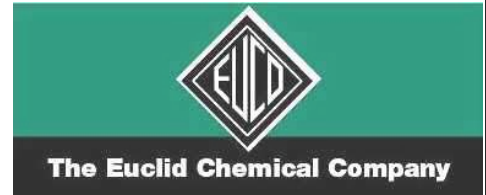
Disposal Method : Dispose as hazardous waste according to all local, state, federal and provincial regulations.

**SECTION 14 - TRANSPORTATION / SHIPPING DATA**

**TDG / DOT Shipping Description:**  
 CORROSIVE LIQUID, N.O.S. (Contains Triethylene tetramine), 8, UN1760, PG II

**SECTION 15 - REGULATORY INFORMATION**

**North American Inventories:**  
 All components are listed or exempt from the TSCA inventory.



**EUCO 456 MORTAR PART B**

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

**Canadian Regulations:**

D2B, E, D1B

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all of the information required by the CPR.

**Other Regulations:**

When appropriately mixed with the other part, product has a VOC less water and exempt solvent of: 0.0000 g/l

**SECTION 16 - OTHER INFORMATION**

**HMIS Rating :**

Health	3
Flammability	1
Reactivity	1
PPE	

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

**Further information:**

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**Prepared by: Sewnauth Raghunandan**

**Legend**

- ACGIH - American Conference of Governmental Hygienists
- 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
- 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