



SIPLAST, INC.

## Safety Data Sheet Pro Primer E Part A

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### SECTION 1: Identification

#### 1.1 GHS Product identifier

Product name Pro Primer E

#### 1.2 Other means of identification

High Solids Epoxy Primer

#### 1.3 Recommended use of the chemical and restrictions on use

Epoxy resin solution for coating materials or adhesives for industrial or professional use

#### 1.4 Supplier's details

Name Siplast, Inc.  
Address 14911 Quorum Dr.  
Suite 600  
Dallas TX 75254

Telephone 800-922-8800

#### 1.5 Emergency phone number

800-424-9300 (CHEMTREC)

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### SECTION 2: Hazard identification

#### 2.1 Classification of the substance or mixture

**GHS classification in accordance with: OSHA (29 CFR 1910.1200)**

- Sensitization, skin, Cat. 1
- Skin corrosion/irritation, Cat. 2

#### 2.2 GHS label elements, including precautionary statements

##### Pictograms



##### Signal word

**Warning**

##### Hazard statement(s)

H317

May cause an allergic skin reaction

# Safety Data Sheet

## Pro Primer E Part A

H315

Causes skin irritation

### Precautionary statement(s)

P261

Avoid breathing dust/fume/gas/mist/vapors/spray.

P264

Wash hands thoroughly after handling.

P272

Contaminated work clothing must not be allowed out of the workplace.

P280

Wear protective gloves/protective clothing/eye protection/face protection.

P302+P352

IF ON SKIN: Wash with plenty of soap and water.

P333+P313

If skin irritation or rash occurs: Get medical advice/attention.

P362+P364

Take off contaminated clothing and wash it before reuse.

P403+P233

Store in a well-ventilated place. Keep container tightly closed.

P405

Store locked up.

P501

Dispose of contents/container in accordance with local/regional/national/international regulation.

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## SECTION 3: Composition/information on ingredients

### 3.2 Mixtures

#### Hazardous components

Chemical Name	Wt.%	CAS
Bisphenol a-epichlorohydrin polymer	70	25068-38-6
Oxirane, Mono[(c12-14-alkyloxy) methyl] Derivs.	5 - 10	68609-97-2
Bisphenol f-epichlorohydrin polymer	15	28064-14-4
Nonylphenol	2 - 8	25154-52-3
Hexylene Glycol	2 - 5	107-41-5

#### Trade secret statement (OSHA 1910.1200(i))

Criteria for listing components in this SDS are as follows: Carcinogens are listed at 0.1% or greater; hazardous components according to regulation 2012 OSHA Hazard Communication Standard: 29 CFR 1910.1200 are listed at 1.0% or greater; non-hazardous components are not listed. This is not intended to be the complete compositional disclosure. If a "Trade Secret" "(TS)" is claimed in accordance to paragraph (i) of 1910.1200, the specific chemical identity and/or exact percentage (concentration) of composition has been withheld as a trade secret.

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## SECTION 4: First-aid measures

### 4.1 Description of necessary first-aid measures

If inhaled

Remove victim to fresh air and provide oxygen if breathing is difficult. Seek medical attention if cough or other symptoms develop.

In case of skin contact

Remove contaminated clothing and immediately wash affected skin area with plenty of soap and water. Seek medical attention. Either discard or wash contaminated clothing and shoes before reuse.

In case of eye contact

Immediately flush with plenty of water for two minutes. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Assure adequate flushing by separating the eyelids with fingers. Have eyes examined and tested by medical personnel.

# Safety Data Sheet

## Pro Primer E Part A

If swallowed

Make sure victim is conscious and alert. If so, give 2-3 glasses of water to dilute. DO NOT INDUCE VOMITING. Never give anything by mouth to an unconscious person. Immediate medical attention is required. Do not leave victim unattended as spontaneous vomiting may occur. Lay victim on side with head lower than waist to prevent aspiration of swallowed product. If victim is conscious and vomiting occurs, give water to further dilute the chemical.

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### SECTION 5: Fire-fighting measures

#### 5.1 Suitable extinguishing media

Dry Chemical, Foam, or Carbon Dioxide. Water spray may be used to keep fire exposed containers cool, dilute spills to nonflammable mixtures, protect personnel attempting to stop spill or leak and to disperse vapors.

#### 5.2 Specific hazards arising from the chemical

Oxides of Nitrogen, Oxides of Carbon.

#### 5.3 Special protective actions for fire-fighters

Fire fighting personnel are required to use respiratory and eye protection. Full fire protective equipment (Bunker Gear) and self contained breathing apparatus (SCBA) is recommended to be used for all indoor fires and any significant outdoor fires. SCBA may not be required for small outdoor fires that may easily be extinguished with a portable fire extinguisher.

#### Further information

As in any fire, wear self-contained breathing apparatus pressure-demand, (AS/NZS 1715 and AS/NZS 1716 approved or equivalent) and full protective gear. Toxic vapors may evolve. Fight fires from a safe distance or protected areas. Use of large volumes of water may produce run-off that could be toxic to wildlife and/or pose a hazardous waste disposal issue. Water may not be effective for large fires.

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### SECTION 6: Accidental release measures

#### 6.1 Personal precautions, protective equipment and emergency procedures

Wear the appropriate personal protective equipment designated in Section 8, close or cap leaking valves and/or block or plug hole in leaking container. Remove the leaking containers to a containment area and place into an appropriate container to prevent any further spill.

#### 6.2 Environmental precautions

Construct temporary dikes of dirt, sand, or any appropriate readily available material to prevent spreading of material into sources of water. Absorb spill with an emergency spill kit, diatomaceous earth, saw dust or equivalent inert material. Shovel up and dispose of at an appropriate waste disposal facility following applicable laws and regulations.

#### 6.3 Methods and materials for containment and cleaning up

Construct temporary dikes of dirt or sand to contain spill. Take precautions as necessary to prevent contamination of ground and surface waters. Recover spilled material on absorbent, such as diatomaceous earth, sawdust, vermiculite, or any appropriate readily available material and sweep or shovel adsorbed material into closed containers for disposal. If area of spill is porous, remove as much contaminated earth and gravel, etc. as necessary and place in closed containers for disposal.

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### SECTION 7: Handling and storage

#### 7.1 Precautions for safe handling

Use with sufficient ventilation to keep employee exposure below recommended limits. Provide adequate ventilation for storage, handling and use, especially for enclosed or low spaces. Avoid contact of liquid with eyes and

# Safety Data Sheet

## Pro Primer E Part A

prolonged skin exposure. Avoid breathing in vapors, mists, and aerosols. Do not allow product to contact open flame or electrical heating elements because dangerous decomposition products may form.

### 7.2 Conditions for safe storage, including any incompatibilities

Store and warehouse product in an appropriate area or facility. Segregate like materials together to avoid negative chemical reactions. Protect materials from excessive exposure to heat. Observe proper storage conditions and temperatures. Store between (50°F) Minimum to (75°F) Maximum

## SECTION 8: Exposure controls/personal protection

### 8.1 Control parameters

OSHA HAZARDOUS COMPONENTS (29 CFR1910.1200)							
		EXPOSURE LIMITS					
		OSHA PEL		ACGIH TLV		Supplier OEL	
Chemical Name		ppm	mg/m <sup>3</sup>	ppm	mg/m <sup>3</sup>	ppm	mg/m <sup>3</sup>
Bisphenol a-epichlorohydrin polymer	TWA	[1]	[1]	[1]	[1]	[1]	[1]
	STEL	[1]	[1]	[1]	[1]	[1]	[1]
Oxirane, Mono[(c12-14-alkyloxy)methyl] Derivs.	TWA	[1]	[1]	[1]	[1]	[1]	[1]
	STEL	[1]	[1]	[1]	[1]	[1]	[1]
Nonylphenol	TWA	[1]	[1]	[1]	[1]	[1]	[1]
	STEL	[1]	[1]	[1]	[1]	[1]	[1]
Hexylene Glycol	TWA	[1]	[1]	[1]	[1]	[1]	[1]
	STEL	[1]	[1]	[1]	[1]	[1]	[1]
<b>OSHA TABLE COMMENTS:</b> 1. Not Established							

### 8.2 Appropriate engineering controls

Proper industrial hygiene practices are required for workers and should be achieved through engineering controls including ventilation with a high turn over rate whenever feasible. When such controls are not available or not feasible to achieve full protection, respirators for workers (and others in the area) and other personal protective equipment is mandated. Exhaust air may need to be scrubbed (cleaned) or filtered to reduce environmental contamination and odors.

### 8.3 Individual protection measures, such as personal protective equipment (PPE)

#### Eye/face protection

Wear safety goggles or safety glasses with side shields when handling and mixing this material.

#### Skin protection

Wear impervious compatible chemical resistant protective clothing such as neoprene or butyl rubber gloves, aprons, boots or Tyvek coveralls, as appropriate to prevent contact with skin.

#### Respiratory protection

For respirator selection and training, seek professional advice. Whenever workplace conditions require a use of a respirator, follow a respiratory protection program that meets OSHA 1910.134 and ANSI Z88.2 requirements. Wear an OSHA/NIOSH approved respirator selected on its suitability to provide adequate worker protection for the

# Safety Data Sheet

## Pro Primer E Part A

chemicals used and given working conditions including the level of airborne contamination and presence of sufficient oxygen.

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### SECTION 9: Physical and chemical properties

#### Basic physical and chemical properties

Physical state	Liquid
Appearance	Clear straw colored liquid.
Odor	Light musty to no odor.
Odor threshold	No data available
Melting point/freezing point	Not Available
Boiling point or initial boiling point and boiling range	Not Applicable
Flammability	Not Available
Lower and upper explosion limit/flammability limit	
Flash point	> 190.5°C (375°F) Pensky-Martens
Auto-ignition temperature	
Decomposition temperature	Not AvailableNegligible
pH	No data available
Kinematic viscosity	500 to 1000 cPs at 25°C (74°F) Brookfield
Solubility	
Partition coefficient n-octanol/water (log value)	
Vapor pressure	
Density and/or relative density	9.34 lb./gal. at 25°C (74°F)
Relative vapor density	

#### Further safety characteristics (supplemental)

(VOC): to 0 g/l Calculated

Notes: VOC listed on the SDS is for this component only. Mixed VOC for the combined product may have a different value.

(VOC): to 5 g/l Estimated After Mixed

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### SECTION 10: Stability and reactivity

#### 10.1 Reactivity

Yes

#### 10.2 Chemical stability

This material (product) is stable under normal ambient conditions of temperature and pressure. Follow recommendations for proper storage and use.

#### 10.3 Possibility of hazardous reactions

No

#### 10.4 Conditions to avoid

Avoid contact with strong acids or caustics.

#### 10.5 Incompatible materials

Oxidizing agents.

#### 10.6 Hazardous decomposition products

Carbon monoxide, carbon dioxide, aldehydes.

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## SECTION 11: Toxicological information

### Information on toxicological effects

#### Acute toxicity

Chemical Name	ORAL LD <sub>50</sub> (rat)	DERMAL LD <sub>50</sub> (rabbit)
Bisphenol f-epichlorohydrin polymer	>2000 mg/kg	>2000 mg/kg

#### Skin corrosion/irritation

Avoid contact with strong acids or caustics.

#### Respiratory or skin sensitization

Possible sensitizer to the skin.

#### Carcinogenicity

IARC: Not Listed by IARC. NTP: Not listed by NTP. OSHA: Not listed by OSHA.

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## SECTION 12: Ecological information

### Toxicity

No environmental data has been established or is available for this product.

### Other adverse effects

Avoid contaminating waterways.

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## SECTION 13: Disposal considerations

### Disposal methods

#### Product disposal

See the manufacturer's instructions to mix together with the proper components of multi-component materials, and allow to harden. Dispose solids at an appropriate waste disposal facility according to current applicable laws and regulations.

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## SECTION 14: Transport information

### DOT (US)

PROPER SHIPPING NAME: Not Regulated

OTHER SHIPPING INFORMATION: Not a Dangerous Good according to the Australian Dangerous Goods (ADG) code. This material may be hazardous according to the criteria of NOHSC Australia.

### IMDG

SHIPPING NAME: Not Regulated

### IATA

SHIPPING NAME: Not Regulated

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## SECTION 15: Regulatory information

### 15.1 Safety, health and environmental regulations specific for the product in question

# Safety Data Sheet

## Pro Primer E Part A

### UNITED STATES

#### SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)

**FIRE:** No **PRESSURE GENERATING:** No **REACTIVITY:** No **ACUTE:** Yes **CHRONIC:** No

### TSCA (TOXIC SUBSTANCE CONTROL ACT)

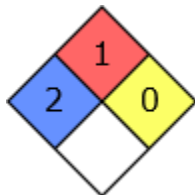
**TSCA STATUS:** All ingredients in this mixture are listed with the TSCA Chemical Substance Inventory.

**DOMESTIC SUBSTANCE LIST (INVENTORY):** The components in this product are listed or exempt from the Canadian Domestic Substance List (DSL).

### HMIS Rating

Pro Primer E Part A	
HEALTH	2
FLAMMABILITY	1
PHYSICAL HAZARD	0
PERSONAL PROTECTION	G

### NFPA Rating



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## SECTION 16: Other information

### 16.1 Further information/disclaimer

This SDS to the best of our knowledge conforms to the requirements of 2012 OSHA Hazard Communication Standard 29 CFR 1910.1200, and summarizes the health and safety hazard information and general guidance on how to safely handle the material at the date of issue. Each user must review the SDS in the context of how the product will be handled and used in the workplace. If clarification or further information is needed to ensure that an appropriate risk assessment can be made, the user should contact this company. Responsibility for the product sold is subject to our standard terms and conditions, a copy of which is available upon request. This company warrants only that its products meet the specifications stated in the sales contract. Typical properties, where stated, are to be considered as representative of current production and should not be treated as specifications. While all the information presented in this document is believed to be reliable and to represent the best available data on these products, NO GUARANTY, WARRANTY, OR REPRESENTATION IS MADE, INTENDED, OR IMPLIED AS TO THE CORRECTNESS, OR SUFFICIENCY OF ANY INFORMATION, OR AS TO THE MERCHANTABILITY OR SUITABILITY OR FITNESS OF ANY CHEMICAL COMPOUNDS OR OTHER PRODUCTS FOR ANY PARTICULAR USE OR PURPOSE, OR THAT ANY CHEMICAL COMPOUNDS OR OTHER PRODUCTS OR THE USE THEREOF ARE NOT SUBJECT TO A CLAIM BY A THIRD PARTY FOR INFRINGEMENT OF ANY PATENT OR OTHER INTELLECTUAL PROPERTY RIGHT. Some of the information presented and conclusions drawn herein are from sources other than direct test data on the product itself. Liability by this company for all claims, whether arising out of breach of warranty, negligence, strict liability, or otherwise, is limited to the purchase price of the material. Products may be toxic and require special precautions in handling. For all products listed, the user should obtain detailed information on toxicity, together with the proper shipping, handling and storage procedures, and comply with all applicable safety and environmental standards. Toxicity and risk characteristics of chemical compounds and other products may differ when used with other materials or in a manufacturing or other process.

**Safety Data Sheet**  
**Pro Primer E Part A**

Those risk characteristics should be determined by the user and made known to handlers, processors, and end users.



SIPLAST, INC.

## Safety Data Sheet Pro Primer E Part B

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### SECTION 1: Identification

#### 1.1 GHS Product identifier

Product name Pro Primer E Part B

#### 1.3 Recommended use of the chemical and restrictions on use

Epoxy curing agent for coating materials or adhesives for industrial or professional use

#### 1.4 Supplier's details

Name Siplast, Inc.  
Address 14911 Quorum Dr.  
Suite 600  
Dallas TX 75254

Telephone 800-922-8800

#### 1.5 Emergency phone number

800-424-9300 (CHEMTREC)

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### SECTION 2: Hazard identification

#### 2.1 Classification of the substance or mixture

GHS classification in accordance with: OSHA (29 CFR 1910.1200)

- Skin corrosion/irritation, Cat. 1
- Eye damage/irritation, Cat. 1
- Sensitization, respiratory, Cat. 1
- Sensitization, skin, Cat. 1
- Carcinogenicity, Cat. 2

#### 2.2 GHS label elements, including precautionary statements

##### Pictograms



Signal word  
Hazard statement(s)  
H302 + H312  
H314

Danger

Harmful if swallowed or in contact with skin.  
Causes severe skin burns and eye damage.

# Safety Data Sheet

## Pro Primer E Part B

H317 May cause an allergic skin reaction.  
H373 May cause damage to organs through prolonged or repeated exposure

### Precautionary statement(s)

P260 Do not breathe dust/fume/gas/mist/vapors/spray.  
P264 Wash hands thoroughly after handling.  
P280 Wear protective gloves/protective clothing/eye protection/face protection.  
P301+P330+P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.  
P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.  
P363 Wash contaminated clothing before reuse.  
P310 Immediately call a POISON CENTER/doctor/physician.  
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.  
P405 Store locked up.  
P501 Dispose of contents/container in accordance with local/regional/national/international regulation.  
P405+P233 Store in a well-ventilated place. Keep container tightly closed.

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## SECTION 3: Composition/information on ingredients

### 3.2 Mixtures

Chemical Name	Wt.%	CAS
Benzyl Alcohol	30	100-51-6
3-AMINOMETHYL-3,5,5-TRIMETHYLCYCLOHEXYLAMINE	5 - 10	2855-13-2
4,4'-ISOPROPYLIDENEDIPHENOL	5 - 10	80-05-7
3-AMINOPROPYLDIMETHYLAMINE	5 - 10	109-55-7
2,4,6-TRIS(DIMETHYLAMINOMETHYL)PHENOL	5 - 10	90-72-2
M-PHENYLENEBIS(METHYLAMINE)	5 - 10	1477-55-0

### Trade secret statement (OSHA 1910.1200(i))

Criteria for listing components in this SDS are as follows: Carcinogens are listed at 0.1% or greater; hazardous components according to regulation 2012 OSHA Hazard Communication Standard: 29 CFR 1910.1200 are listed at 1.0% or greater; non-hazardous components are not listed. This is not intended to be a complete compositional disclosure. If a "Trade Secret" "(TS)" is claimed in accordance to paragraph (i) of 1910.1200, the specific chemical identity and/or exact percentage (concentration) of composition has been withheld as a trade secret.

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## SECTION 4: First-aid measures

### 4.1 Description of necessary first-aid measures

If inhaled Remove victims to fresh air and provide oxygen if breathing is difficult. Seek medical attention if cough or other symptoms develop.

In case of skin contact Remove contaminated clothing and immediately wash affected skin area with plenty of soap and water. Seek medical attention. Either discard or wash contaminated clothing and shoes before reuse.

In case of eye contact Remove contaminated clothing and immediately wash affected skin area with plenty of soap and water. Seek medical attention. Either discard or wash contaminated clothing and shoes before reuse.

# Safety Data Sheet

## Pro Primer E Part B

If swallowed

Make sure the victim is conscious and alert. If so, give 2-3 glasses of water to dilute. DO NOT INDUCE VOMITING. Never give anything by mouth to an unconscious person. Immediate medical attention is required. Do not leave the victim unattended as spontaneous vomiting may occur. Lay victim on side with head lower than waist to prevent aspiration of swallowed product. If the victim is conscious and vomiting occurs, give water to further dilute the chemical.

### 4.2 Most important symptoms/effects, acute and delayed

INHALATION: Repeated and/or prolonged exposure to low concentrations of vapors may cause a "Sore Throat".

ACUTE TOXICITY: Sensitization, irritation and dermatitis.

CHRONIC EFFECTS: This product contains no listed carcinogens according to IARC, ACGIH, NTP, and/or OSHA in concentrations of 0.1 percent or greater (unless identified under section 15 of this MSDS). Repeated or prolonged contact causes sensitization, asthma, and eczema. Prolonged contact may result in chemical burns and permanent damage.

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## SECTION 5: Fire-fighting measures

### 5.1 Suitable extinguishing media

Dry Chemical, Foam, or Carbon Dioxide. Water spray may be used to keep fire exposed containers cool, dilute spills to nonflammable mixtures, protect personnel attempting to stop spills or leak and to disperse vapors.

### 5.2 Specific hazards arising from the chemical

Incomplete combustion may form carbon monoxide. May generate ammonia gas.

May generate toxic nitrogen oxide gases. Burning produces noxious and toxic fumes. Downwind personnel must be evacuated.

### 5.3 Special protective actions for fire-fighters

FIRE FIGHTING PROCEDURES: As in any fire, wear self-contained breathing apparatus pressure-demand, (AS/NZS 1715 and AS/NZS 1716 approved or equivalent) and full protective gear. Toxic vapors may evolve. Fight fires from a safe distance or protected areas. Use of large volumes of water may produce run-off that could be toxic to wildlife and/or pose a hazardous waste disposal issue. Water may not be effective for large fires.

FIRE FIGHTING EQUIPMENT: Firefighting personnel are required to use respiratory and eye protection. Full fire protective equipment (Bunker Gear) and self-contained breathing apparatus (SCBA) is recommended to be used for all indoor fires and any significant outdoor fires. SCBA may not be required for small outdoor fires that may easily be extinguished with a portable fire extinguisher.

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## SECTION 6: Accidental release measures

### 6.2 Environmental precautions

WATER SPILL: Construct temporary dikes of dirt, sand, or any appropriate readily available material to prevent the spreading of material into sources of water.

### 6.3 Methods and materials for containment and cleaning up

SMALL SPILL: Dike area to contain spill. Take precautions as necessary to prevent contamination of ground and surface waters. Recover spilled material on absorbent, such as diatomaceous earth, sawdust, vermiculite, or any appropriate readily available material and sweep or shovel absorbed material into closed containers for disposal. After all visible traces, including ignitable vapors, have been removed thoroughly to wash the contaminated area. Do not flush into the sewer. If the area of spill is porous, remove as much contaminated earth and gravel, etc. as necessary and place in closed containers for disposal. Wear the appropriate personal protective equipment designated in Section 8, remove the leaking container to a containment area and place it into an appropriate container to prevent any further spill.

# Safety Data Sheet

## Pro Primer E Part B

**LARGE SPILL:** Construct temporary dikes of dirt or sand to contain spill. Take precautions as necessary to prevent contamination of ground and surface waters. Recover spilled material on absorbent, such as diatomaceous earth, sawdust, vermiculite, or any appropriate readily available material and sweep or shovel adsorbed material into closed containers for disposal. If the area of spill is porous, remove as much contaminated earth and gravel, etc. as necessary and place in closed containers for disposal.

Wear the appropriate personal protective equipment designated in Section 8, close or cap leaking valves and/or block or plug hole in leaking container. Remove the leaking containers to a containment area and place them into an appropriate container to prevent any further spill.

Contain material as described above and call the local fire, police, or appropriate emergency response provider for immediate emergency assistance.

### SECTION 7: Handling and storage

#### 7.1 Precautions for safe handling

Use with sufficient ventilation to keep employee exposure below recommended limits. Provide adequate ventilation for storage, handling and use, especially for enclosed or low spaces. Avoid contact of liquid with eyes and prolonged skin exposure. Avoid breathing in vapors, mists, and aerosols. Do not allow products to contact open flame or electrical heating elements because dangerous decomposition products may form.

#### 7.2 Conditions for safe storage, including any incompatibilities

Store and warehouse product in an appropriate area or facility. Segregate like materials together to avoid negative chemical reactions. Protect materials from excessive exposure to heat. Observe proper storage conditions and temperatures. Store between (50°F) Minimum to (75°F) Maximum.

### SECTION 8: Exposure controls/personal protection

#### 8.1 Control parameters

OSHA HAZARDOUS COMPONENTS (29 CFR1910.1200)							
Chemical Name		EXPOSURE LIMITS					
		OSHA PEL		ACGIH TLV		Supplier OEL	
		ppm	mg/m <sup>3</sup>	ppm	mg/m <sup>3</sup>	ppm	mg/m <sup>3</sup>
BENZYL ALCOHOL	TWA	[1]	[1]	[1]	[1]	10	44.2
	STEL	[1]	[1]	[1]	[1]	[1]	[1]
3-AMINOMETHYL-3,5,5-TRIMETHYLCYCLOHEXYLAMINE	TWA	[1]	[1]	[1]	[1]	[1]	[1]
	STEL	[1]	[1]	[1]	[1]	[1]	[1]
4,4'-ISOPROPYLIDENEDIPHENOL	TWA	[1]	[1]	[1]	[1]	[1]	[1]
	STEL	[1]	[1]	[1]	[1]	[1]	[1]
3-AMINOPROPYLDIMETHYLAMINE	TWA	[1]	[1]	[1]	[1]	[1]	[1]
	STEL	[1]	[1]	[1]	[1]	[1]	[1]
2,4,6-TRIS(DIMETHYLAMINOMETHYL)PHENOL	TWA	[1]	[1]	[1]	[1]	[1]	[1]
	STEL	[1]	[1]	[1]	[1]	[1]	[1]
<b>OSHA TABLE COMMENTS:</b>							
1. Not Established							

#### 8.2 Appropriate engineering controls

# Safety Data Sheet

## Pro Primer E Part B

Proper industrial hygiene practices are required for workers and should be achieved through engineering controls including ventilation with a high turnover rate whenever feasible. When such controls are not available or not feasible to achieve full protection, respirators for workers (and others in the area) and other personal protective equipment are mandated. Exhaust air may need to be scrubbed (cleaned) or filtered to reduce environmental contamination and odors.

### 8.3 Individual protection measures, such as personal protective equipment (PPE)

#### Eye/face protection

Wear safety goggles or safety glasses with side shields when handling and mixing this material.

#### Skin protection

Wear impervious compatible chemical resistant protective clothing such as neoprene or butyl rubber gloves, aprons, boots or Tyvek coveralls, as appropriate to prevent contact with skin.

#### Respiratory protection

For respirator selection and training, seek professional advice. Whenever workplace conditions require the use of a respirator, follow a respiratory protection program that meets OSHA 1910.134 and ANSI Z88.2 requirements. Wear an OSHA/NIOSH approved respirator selected on its suitability to provide adequate worker protection for the chemicals used and given working conditions including the level of airborne contamination and presence of sufficient oxygen.

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## SECTION 9: Physical and chemical properties

### Basic physical and chemical properties

Physical state	Liquid
Color	Amber
Odor	Ammonia smell
Odor threshold	No data available
Melting point/freezing point	No data available
Boiling point or initial boiling point and boiling range	> 100°C (392°F)
Flammability	No data available
Lower and upper explosion limit/flammability limit	
Flash point	> 101.67°C (215°F) Pensky-Martens CC
Auto-ignition temperature	No data available
Decomposition temperature	No data available
pH	Alkaline
Kinematic viscosity	100 to 300 Centipoise
Solubility	< 0.1 g/l
Partition coefficient n-octanol/water (log value)	
Vapor pressure	< 1 mmHg
Evaporation rate	No data available
Density and/or relative density	8.56 lb./gal. at 25°C (74°F)
Relative vapor density	

### Further safety characteristics (supplemental)

(VOC): to 0 g/l Calculated

Notes: VOC listed on the SDS is for this component only. Mixed VOC for the combined product may have a different value.

(VOC): to 5 g/l Estimated After Mixed

# Safety Data Sheet

## Pro Primer E Part B

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### SECTION 10: Stability and reactivity

#### 10.1 Reactivity

Yes

HAZARDOUS POLYMERIZATION: No

#### 10.2 Chemical stability

This material (product) is stable under normal ambient conditions of temperature and pressure. Follow recommendations for proper storage and use.

#### 10.5 Incompatible materials

Reactive metals (e.g. sodium, calcium, zinc, etc.), Materials reactive with hydroxyl compounds, Organic acids (e.g. acetic acid, citric acid, etc.), Mineral acids, Sodium hypochlorite, Oxidizing agents, Reaction with peroxides may result in violent decomposition of peroxide possibly creating an explosion, Product slowly corrodes copper, aluminum, zinc, and galvanized surfaces.

#### 10.6 Hazardous decomposition products

Nitric Acid, Ammonia, Nitrogen oxides, Nitrogen oxide can react with water vapors to form corrosive nitric acid, Carbon monoxide, Carbon dioxide, Aldehydes.

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### SECTION 11: Toxicological information

#### Information on toxicological effects

##### Acute toxicity

Chemical Name	DERMAL LD <sub>50</sub> (rabbit)
BENZYL ALCOHOL	2000 mg/kg
4,4'-ISOPROPYLIDENEDIPHENOL	3250 mg/kg
2,4,6-TRIS(DIMETHYLAMINOMETHYL)PHENOL	1280 mg/kg
3-AMINOPROPYLDIMETHYLAMINE	600 mg/kg

**EYES:** Severe eye irritation.

**ORAL LD<sub>50</sub>:** 500 mg/kg (rat)

**Notes:** Estimated

##### Skin corrosion/irritation

Possible sensitizer to the skin.

##### Carcinogenicity

IARC: Not Listed by IARC.

NTP: Not listed by NTP.

OSHA: Not listed by OSHA.

##### Summary of evaluation of the CMR properties

GENERAL COMMENTS: This product does not contain substances considered by OSHA, NTP, IARC or ACGIH to be "probable" or "suspected" human carcinogens. The chemical, physical, and toxicological properties have not been thoroughly investigated or tested to the best of our knowledge.

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### SECTION 12: Ecological information

# Safety Data Sheet

## Pro Primer E Part B

### Other adverse effects

**ENVIRONMENTAL DATA:** No environmental data has been established or is available for this product.

**GENERAL COMMENTS:** Avoid contaminating waterways.

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## SECTION 13: Disposal considerations

### Disposal methods

#### Product disposal

See the manufacturer's instructions to mix together with the proper components of multi-component materials and allow to harden. Dispose solids at an appropriate waste disposal facility according to current applicable laws and regulations.

#### Other disposal recommendations

Refer to Section 6. Accidental Release Measures for additional information.

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## SECTION 14: Transport information

### DOT (US)

PROPER SHIPPING NAME: Paint  
PRIMARY HAZARD CLASS/DIVISION: 8  
UN/NA NUMBER: 3066  
PACKING GROUP: III  
NAERG: 153  
LABEL: Corrosive

### IMDG

SHIPPING NAME: Paint  
UN/NA NUMBER: 3066  
PRIMARY HAZARD CLASS/DIVISION: 8  
PACKING GROUP: III  
LABEL: Corrosive

### IATA

SHIPPING NAME: Paint  
UN/NA NUMBER: 3066  
PRIMARY HAZARD CLASS/DIVISION: 8  
PACKING GROUP: III  
LABEL: Corrosive

### CANADA TRANSPORT OF DANGEROUS GOODS

SHIPPING NAME: Paint  
UN/NA NUMBER: 3066  
PRIMARY HAZARD CLASS/DIVISION: 8  
PACKING GROUP: III

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## SECTION 15: Regulatory information

### 15.1 Safety, health and environmental regulations specific for the product in question

#### UNITED STATES

#### DOT LABEL SYMBOL AND HAZARD CLASSIFICATION

# Safety Data Sheet

## Pro Primer E Part B



### SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)

**FIRE:** No **PRESSURE GENERATING:** No **REACTIVITY:** No **ACUTE:** Yes **CHRONIC:** No

### TSCA (TOXIC SUBSTANCE CONTROL ACT)

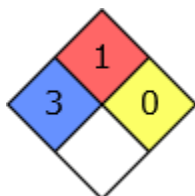
**TSCA STATUS:** All ingredients in this mixture are listed with the TSCA Chemical Substance Inventory.

**DOMESTIC SUBSTANCE LIST (INVENTORY):** This product or its components are listed or exempt from the Canadian Domestic Substance List (DSL). Components not listed have been submitted to Environment Canada.

### HMIS Rating

Pro Primer E Part B	
HEALTH	3
FLAMMABILITY	1
PHYSICAL HAZARD	0
PERSONAL PROTECTION	G

### NFPA Rating



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## SECTION 16: Other information

### 16.1 Further information/disclaimer

This SDS to the best of our knowledge conforms to the requirements of 2012 OSHA Hazard Communication Standard 29 CFR 1910.1200, and summarizes the health and safety hazard information and general guidance on how to safely handle the material at the date of issue. Each user must review the SDS in the context of how the product will be handled and used in the workplace. If clarification or further information is needed to ensure that an appropriate risk assessment can be made, the user should contact this company. Responsibility for the product sold is subject to our standard terms and conditions, a copy of which is available upon request. This company warrants only that its products meet the specifications stated in the sales contract. Typical properties, where stated, are to be considered as representative of current production and should not be treated as specifications. While all the information presented in this document is believed to be reliable and to represent the best available data on these products, NO GUARANTY, WARRANTY, OR REPRESENTATION IS MADE, INTENDED, OR IMPLIED AS TO THE CORRECTNESS, OR SUFFICIENCY OF ANY INFORMATION, OR AS TO THE MERCHANTABILITY OR SUITABILITY OR FITNESS OF ANY CHEMICAL COMPOUNDS OR OTHER PRODUCTS FOR ANY PARTICULAR USE OR PURPOSE, OR THAT ANY CHEMICAL COMPOUNDS OR OTHER PRODUCTS OR THE USE THEREOF ARE NOT SUBJECT TO A CLAIM BY A THIRD PARTY FOR INFRINGEMENT OF ANY PATENT OR OTHER INTELLECTUAL PROPERTY RIGHT. Some of the information presented and conclusions drawn herein are from sources other than direct test data on the product itself. Liability by this company for all claims, whether arising out of breach of warranty, negligence, strict liability, or otherwise, is limited to the purchase price of the material. Products may be toxic and require special precautions in handling. For all products listed, the user

## **Safety Data Sheet**

### **Pro Primer E Part B**

should obtain detailed information on toxicity, together with the proper shipping, handling and storage procedures, and comply with all applicable safety and environmental standards. Toxicity and risk characteristics of chemical compounds and other products may differ when used with other materials or in a manufacturing or other process. Those risk characteristics should be determined by the user and made known to handlers, processors, and end users.