#### **Section 1: IDENTIFICATION**

#### 1.1 PRODUCT IDENTIFIER

**Product Name:** TechPrime E 100%-Solids Epoxy Primer Part B

Product Code: Not Available

#### 1.2 RECOMMENDED USE OF CHEMICAL AND RESTRICTIONS ON USE

**Product Use:** Epoxy Coating

#### 1.3 DETAILS OF THE SUPPLIER OF THE SAFETY DATA SHEETS

Name/Address: Custom Building Products

3490 Piedmont Road, Suite 1300

Atlanta, GA 30305

**Telephone Number:** (562)-598-8808

#### 1.4 EMERGENCY TELEPHONE NUMBER

**Emergency Telephone** INFOTRAC 1-800-535-5053 (US and Canada)

Number: INTERNATIONAL + 1-352-323-3500

## Section 2: HAZARD(S) IDENTIFICATION

#### 2.1 CLASSIFICATION OF THE CHEMICAL IN ACCORDANCE WITH PARAGRAPH (d) OF 29 CFR

#### 1910.1200 (OSHA HAZCOM2012)

**Acute Toxicity -- Inhalation** Category 3 Acute Toxicity - Oral Category 4 **Acute Toxicity – Dermal** Category 3 **Skin Corrosion** Category 1B Serious Eye Damage Category 1 **Respiratory Sensitization** Category 1 Skin Sensitization Category 1 Germ Cell Mutagenicity Category 1B **Reproductive Toxicity** Category 2 Specific Target Organ Toxicity - Single Exposure Category 3

### 2.2 LABEL ELEMENTS ACCORDING TO OSHA HAZCOM2012

#### 2.2a SIGNAL WORD:

**DANGER** 

#### 2.2b HAZARD STATEMENTS

Toxic in contact with skin Toxic if inhaled Harmful if swallowed



Causes severe skin burns and eye damage
May cause allergy or asthma symptoms or breathing difficulties if inhaled
May cause an allergic skin reaction
May cause genetic defects
Suspected of damaging fertility or the unborn child
May cause drowsiness or dizziness

#### 2.2c HAZARD PICTOGRAMS



#### 2.2d PRECAUTIONARY STATEMENTS

i.	PREVENTION	Use only outdoors or in a well-ventilated area. Wash hands thoroughly after handling. Do not eat, drink or smoke when using this product. Do not breathe dusts or mists. In case of inadequate ventilation wear respiratory protection. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Wear protective gloves/protective clothing/eye protection/face protection.
ii.	RESPONSE	If on skin: Wash with plenty of water. Take off contaminated clothing and wash before reuse. Immediately call a poison center/doctor. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a poison center/doctor. If inhaled: Remove person to fresh air and keep comfortable for breathing. Immediately call a poison center/doctor. If swallowed: Rinse mouth. Do NOT induce vomiting. Immediately call a poison center/doctor.
iii.	STORAGE	Store in a well-ventilated place. Keep container tightly closed. Store locked up.
iv.	DISPOSAL	Dispose of contents/containers in accordance with all local, state, provincial, and federal regulations.

## 2.3 ADDITIONAL INFORMATION

# 2.3a HNOC – HAZARDS NOT OTHERWISE CLASSIFIED Not applicable

#### 2.3b UNKNOWN ACUTE TOXICITY

0% of the mixture consists of ingredient(s) of unknown acute toxicity.

## **Section 3: COMPOSITION/INFORMATION ON INGREDIENTS**

#### 3.1 MIXTURES

Chemical Name	CAS Number	Weight %



Diaminopolypropylene glycol	9046-10-0	10 – 30%*
Phenol, 4-nonyl-,branched	84852-15-3	10 – 30%*
Polyamid resin	HMIRC#7346	10 – 30%*
Benzyl alcohol	100-51-6	7 – 13%*
Mixed cycloaliphatic amines	HMIRC#7346	5 – 10%*
Diethylenetriamine	111-40-0	5 – 10%*
Bisphenol A	80-05-7	5 – 10%
Tertiary amine	HMIRC#7346	1 – 5%*
2,4,6-tris(dimethylaminomethyl)phenol	90-72-2	1 – 5%*
Triethylenetetramine	112-24-3	0.5 – 1.5%*
Salicylic acid	69-72-7	0.1 – 1.0%*

<sup>\*</sup>Means that the component will fall into one the ranges specified due to batch-to-batch variability.

HMIRC#7346 Trade Secret Grant Date 1/28/2010

## **Section 4: FIRST-AID MEASURES**

#### 4.1 DESCRIPTION OF THE FIRST-AID MEASURES

ROUTES OF EXPOSURE	DESCRIPTION
Eye Contact:	In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. If easy to do, remove contact lenses, if worn. Get medical attention immediately.
Skin Contact:	In case of contact, immediately flush skin with plenty of water. Remove contaminated clothing and shoes. Wash clothing before reuse. Get medical attention immediately.
Inhalation:	If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention immediately.
Ingestion:	If swallowed, do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Get immediate medical advice/attention.

## 4.2 MOST IMPORTANT SYMPTOMS/EFFECTS, ACUTE AND DELAYED

ROUTES OF EXPOSURE	DESCRIPTION
Eye Contact:	Causes serious eye damage. May cause burns. Symptoms may include discomfort or pain, excess blinking and tear production, with marked redness and swelling of the conjunctiva.
Skin Contact:	Toxic in contact with skin. Causes severe skin burns. Symptoms may include redness, edema, drying, defatting and cracking of the skin. May cause an allergic skin reaction.
Inhalation:	Toxic if inhaled. Corrosive to the respiratory tract. May cause allergy or asthma symptoms or breathing difficulties if inhaled. Vapors may cause drowsiness and dizziness.

Ingestion: May be harmful if swallowed. Ingestion may cause discomfort

and/or distress, nausea or vomiting.

#### 4.3 INDICATION OF IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED

**Note to Physicians:** Symptoms may not appear immediately.

Specific Treatments: In case of accident or if you feel unwell, seek medical advice

immediately(show the label or SDS where possible).

### Section 5: FIRE-FIGHTING MEASURES

#### **5.1 FLAMMABILITY**

Flammability: Not Flammable by WHMIS/OSHA HAZCOM2012 Criteria

#### **5.2 EXTINGUISHING MEDIA**

#### 5.2a. Suitable Extinguishing Media:

Treat for surrounding material.

#### 5.2b. Unsuitable Extinguishing Media:

Not available.

#### 5.3 SPECIFIC HAZARDS ARISING FROM THE CHEMICAL

#### 5.3a. Products of Combustion:

May include, and are not limited to: oxides of carbon, oxides of nitrogen

#### 5.3b. Explosion Data

i. Sensitivity to Mechanical Impact:

Not available.

ii. Sensitivity to Static Discharge:

Not available.

#### 5.4 SPECIAL PROTECTIVE EQUIPMENT AND PRECAUTIONS FOR FIRE-FIGHTERS

Keep upwind of fire. Wear full fire fighting turn-out gear(full bunker gear) and respiratory protection (SCBA).

## **Section 6: ACCIDENTAL RELEASE MEASURES**

#### 6.1 PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT, AND EMERGENCY PROCEDURES

Use personal protection recommended in Section 8. Isolate the hazard area and deny entry to unnecessary and unprotected personnel.

#### 6.2 METHODS AND MATERIALS FOR CONTAINMENT AND CLEANING UP

Methods for Containment: Contain and/or absorb spill with inert material, then place in a

suitable container. Do not flush to sewer or allow to enter

waterways. Use appropriate Personal Protective Equipment(PPE).

Methods for Cleaning-Up: Dispose of unwanted material properly in accordance with all local,

regional, national and international regulations.

## **Section 7: HANDLING AND STORAGE**

#### 7.1 PRECAUTIONS FOR SAFE HANDLING

Handling: Avoid contact with skin and eyes. Do not swallow. Avoid breathing

vapor or mist. Handle and open container with care. Use only outdoors or in a well-ventilated area. When using do not eat or

drink. (See Section 8)

General Hygiene Advice: Use good industrial hygiene practices and wear recommended

personal protection. Launder contaminated clothing before reuse.

Wash hands before eating, drinking, or smoking.

#### 7.2 CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES

Storage: Keep out of the reach of children. Keep container tightly closed.

Store locked up. Store at room temperature and keep containers closed when not in use. Avoid any dust buildup by frequent cleaning and suitable construction of the storage area.

## Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

#### **8.1 CONTROL PARAMETERS**

Occupational Exposure Limits			
Chemical Name	OSHA-PEL	ACGIH-TLV	
Diaminopolypropylene glycol	Not available	Not available	
Phenol, 4-nonyl-,branched	Not available	Not available	
Polyamid resin	Not available	Not available	
Benzyl alcohol	Not available	Not available	
Mixed cycloaliphatic amines	Not available	Not available	
Diethylenetriamine	Not available	1 ppm	
Bisphenol A	Not available	Not available	
Tertiary amine	Not available	Not available	
2,4,6-tris(dimethylaminomethyl)phenol	Not available	Not available	
Triethylenetetramine	Not available	Not available	
Salicylic acid	Not available	Not available	

#### **8.2 EXPOSURE CONTROLS**



Engineering Controls:

Use ventilation adequate to keep exposures (airborne levels of dust, fume, vapor, etc.) below recommended exposure limits.

#### **8.3 INDIVIDUAL PROTECTION MEASURES**

#### 8.3a. Personal Protective Equipment:

- **i. Eye/Face Protection:** Wear approved eye protection [properly fitted dust- or splash-proof chemical safety goggles/face (face shield)]
- ii. Skin Protection:
  - 1. Hand Protection: Wear impervious gloves, such as nitrile.
  - 2. Body Protection: Wear suitable protective clothing.
- **iii. Respiratory Protection:** A NIOSH approved dust mask or filtering face piece is recommended in poorly ventilated areas or when permissible exposure limits may be exceeded. Respirators should be selected by and used under the direction of a trained health and safety professional following requirements found in OSHA's respirator standard (29 CFR 1910.134) and ANSI's standard for respiratory protection (Z88.2).
- iv. General Health and Safety Measures: Handle according to established industrial hygiene and safety practices.

#### Section 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance (physical state, color, etc.):	Straw
Odor:	Amine
Odor Threshold:	Not available
pH:	11.4 – 12.6
Melting point/Freezing point:	Not available
Initial boiling point and boiling range:	Not available
Flash point:	>200°F (>93°C)
Evaporation rate (Water=1):	Not available
Flammability:	Not flammable
Upper Flammability/Explosive Limit:	Not available
Lower Flammability/Explosive Limit:	Not available
Vapor Pressure	Not available
Vapor Density:	> 1 (Air= 1)
Relative Density:	0.95 – 1.05 g/cc
Solubility in Water:	Negligible
Partition coefficient: n-octanol/water:	Not available
Auto-ignition temperature:	Not available
Decomposition Temperature:	Not available
Viscosity (cps):	Not available
VOC Content:	61.57 g/L when mixed per instructions

#### Section 10: STABILITY AND REACTIVITY



#### 10.1. REACTIVITY

No dangerous reaction known under conditions of normal use.

#### 10.2. CHEMICAL STABILITY

Stable under normal storage conditions. Keep dry in storage.

#### 10.3. POSSIBILITY OF HAZARDOUS REACTION

May release excess heat and vapors upon contact with epoxy hardeners.

#### 10.4. CONDITIONS TO AVOID

Heat. Incompatible materials.

#### 10.5. INCOMPATIBLE MATERIALS

Acids. Strong oxidizers.

#### 10.6. HAZARDOUS DECOMPOSITION PRODUCTS

May include, and are not limited to: oxides of carbon, oxides of nitrogen

### Section 11: TOXICOLOGICAL INFORMATION

#### 11.1. LIKELY ROUTES OF EXPOSURE:

Skin contact, skin absorption, eye contact, inhalation, and ingestion.

## 11.2. SYMPTOMS RELATED TO PHYSICAL/CHEMICAL/TOXICOLOGICAL CHARACTERISTICS:

**Eye Contact:** Causes serious eye damage. May cause burns. Symptoms may

include discomfort or pain, excess blinking and tear production, with

marked redness and swelling of the conjunctiva.

**Skin Contact:** Toxic in contact with skin. Causes severe skin burns. Symptoms

may include redness, edema, drying, defatting and cracking of the

skin. May cause an allergic skin reaction.

Inhalation: Toxic if inhaled. Corrosive to the respiratory tract. May cause

allergy or asthma symptoms or breathing difficulties if inhaled.

Vapors may cause drowsiness and dizziness.

**Ingestion:** May be harmful if swallowed. Ingestion may cause discomfort

and/or distress, nausea or vomiting.

Acute Toxicity			
Chemical Name	LC50	LD50	
Diaminopolypropylene glycol	Not available	Oral: 242 mg/kg, rat Dermal: 360 mg/kg, rabbit	
Phenol, 4-nonyl-,branched	Not available	Oral: 580 mg/kg, rat Dermal: 2,031 mg/kg, rabbit	
Polyamid resin	Not available	Not available	
Benzyl alcohol	Inhalation: 8.8 mg/L 4h, rat	Oral: 1,230 mg/kg, rat Dermal: 2,000 mg/kg, rabbit	
Mixed cycloaliphatic amines	Not available	Not available	



Diethylenetriamine	Not available	Oral: 819 mg/kg, rat Dermal: 672 mg/kg, rabbit
Bisphenol A	Not available	Oral: 3,200 mg/kg, rat Dermal: 3 mL/kg, rabbit
Tertiary amine	Not available	Not available
2,4,6-tris(dimethylaminomethyl)phenol	Not available	Oral: 1,000 mg/kg, rat Dermal: 1,280 mg/kg, rabbit
Triethylenetetramine	Not available	Oral: 2,500 mg/kg, rat Dermal: 550 mg/kg, rabbit
Salicylic acid	Inhalation: >900 mg/m <sup>3</sup> 1h, rat	Oral: 2,500 mg/kg, rat Dermal: >10 g/kg, rabbit

Calculated Overall Chemical Acute Toxicity Values			
LC50 (Inhalation) LD50 (Oral) LD 50 (Dermal)			
8.8 mg/L 4h, rat	457.7 mg/kg, rat	789 mg/kg, rabbit	

Carcinogenicity		
Chemical Name	Chemical Listed as Carcinogens or Potential Carcinogen (NTP,IARC,OSHA,ACGIH,CP65)	
Diaminopolypropylene glycol	Not Listed	
Phenol, 4-nonyl-,branched	Not Listed	
Polyamid resin	Not Listed	
Benzyl alcohol	Not Listed	
Mixed cycloaliphatic amines	Not Listed	
Diethylenetriamine	Not Listed	
Bisphenol A	Not Listed	
Tertiary amine	Not Listed	
2,4,6-tris(dimethylaminomethyl)phenol	Not Listed	
Triethylenetetramine	Not Listed	
Salicylic acid	Not Listed	

# 11.3. DELAYED, IMMEDIATE, AND CHRONIC EFFECTS OF SHORT AND LONG-TERM EXPOSURE

SHORT-TERM		
Skin Corrosion/Irritation:	Causes severe skin burns	
Serious Eye Damage/Irritation:	Causes serious eye damage	
Respiratory Sensitization:	May cause allergy or asthma symptoms or breathing difficulties if inhaled	
Skin Sensitization:	May cause an allergic skin reaction	
STOT-Single Exposure:	May cause drowsiness or dizziness	
Aspiration Hazard:	Not classified	
LONG-TERM		
Carcinogenicity:	Not classified	
Germ Cell Mutagenicity:	Not classified	
Reproductive Toxicity:	Suspected of damaging fertility and/or the unborn child	
STOT-Repeated Exposure:	Not classified	
Synergistic/Antagonistic Effects:	Not classified	



#### **Section 12: ECOLOGICAL INFORMATION**

#### 12.1. ECOTOXICITY

May cause long-term adverse effects in the aquatic environment.

## 12.2. PERSISTENCE AND DEGRADABILITY

Not available

#### 12.3. BIOACCUMULATIVE POTENTIAL

Not available

#### 12.4. MOBILITY IN SOIL

Not available

#### 12.5. OTHER ADVERSE EFFECTS

Not available

## **Section 13: DISPOSAL CONSIDERATIONS**

#### 13.1. DISPOSAL METHOD

Dispose of contents/containers in accordance with all local, state, provincial, and federal regulations.

#### 13.2. OTHER DISPOSAL CONSIDERATIONS

Not available

## **Section 14: TRANSPORT INFORMATION**

DOT (U.S.)	TDG (CANADA)
UN NUMBER:	UN NUMBER:
UN 2922	UN 2922
UN PROPER SHIPPING NAME:	UN PROPER SHIPPING NAME:
Corrosive Liquid, Toxic, n.o.s.(Diaminopropylene	Corrosive Liquid, Toxic, n.o.s.(Diaminopropylene
glycol, 4-nonylphenol)	glycol, 4-nonylphenol)
TRANSPORT HAZARD CLASS (ES):	TRANSPORT HAZARD CLASS (ES):
8 (6.1)	8 (6.1)
PACKING GROUP (if applicable):	PACKING GROUP (if applicable):
II	II

SUMMARY: Product is regulated under DOT/TDG and other transportation regulations.

#### 14.1. ENVIRONMENTAL HAZARDS

Not available



# 14.2. TRANSPORT IN BULK ACCORDING TO ANNEX II OF MARPOL 73/78 AND THE IBC CODE Not available

#### 14.3. SPECIAL PRECAUTIONS FOR USER

Do not handle until all safety precautions have been read and understood.

## **Section 15: REGULATORY INFORMATION**

# 15.1. SAFETY, HEALTH AND ENVIRONMENTAL REGULATIONS/LEGISLATIONS SPECIFIC FOR THE CHEMICAL

**Canada:** This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the SDS contains all the information required by the Controlled Products Regulations.

**US:** SDS prepared pursuant to the Hazard Communication Standard (29 CFR 1910.1200) HazCom 2012

#### 15.2. US FEDERAL INFORMATION:

	SARA TITLE III			
CHENAICAL NABAE	SECTION 302	SECTION 304	CERCLA RQ	SECTION 313
CHEMICAL NAME	(EHS) TPQ (LBS)	EHS RQ (LBS)	(LBS)	(TRI)
Diaminopolypropylene glycol	Not Listed	Not Listed	Not Listed	Not Listed
Phenol, 4-nonyl-,branched	Not Listed	Not Listed	Not Listed	Not Listed
Polyamid resin	Not Available	Not Available	Not Available	Not Available
Benzyl alcohol	Not Listed	Not Listed	Not Listed	Not Listed
Mixed cycloaliphatic amines	Not Available	Not Available	Not Available	Not Available
Diethylenetriamine	Not Listed	Not Listed	Not Listed	Not Listed
Bisphenol A	Not Listed	Not Listed	Not Listed	313
Tertiary amine	Not Available	Not Available	Not Available	Not Available
2,4,6-tris(dimethylaminomethyl)phenol	Not Listed	Not Listed	Not Listed	Not Listed
Triethylenetetramine	Not Listed	Not Listed	Not Listed	Not Listed
Salicylic acid	Not Listed	Not Listed	Not Listed	Not Listed

#### 15.3. US STATE RIGHT TO KNOW LAWS:

California Proposition 65:	WARNING! This product does NOT contain a chemical known to the State of California to cause cancer, birth defects or other reproductive harm
Other U.S. States "Right to Know" Lists:	
New Jersey:	Diaminopolypropylene glycol: CAS#9046-10-0 Phenol, 4-nonyl-, branched: CAS#84852-15-3 Benzyl alcohol: CAS#100-51-6 Diethylenetriamine: CAS#111-40-0 Bisphenol A: CAS#80-05-7
Pennsylvania:	Diaminopolypropylene glycol: CAS#9046-10-0 Phenol, 4-nonyl-, branched: CAS#84852-15-3 Benzyl alcohol: CAS#100-51-6 Diethylenetriamine: CAS#111-40-0





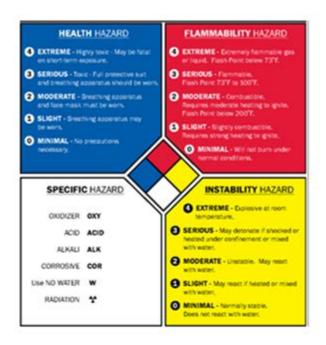
	Bisphenol A : <b>CAS#80-05-7</b>
	Diaminopolypropylene glycol: CAS#9046-10-0
	Phenol, 4-nonyl-, branched : <b>CAS#84852-15-3</b>
Massachusetts:	Benzyl alcohol : CAS#100-51-6
	Diethylenetriamine : CAS#111-40-0
	Bisphenol A : <b>CAS#80-05-7</b>
	Diaminopolypropylene glycol: CAS#9046-10-0
	Phenol, 4-nonyl-, branched : CAS#84852-15-3
Minnesota:	Benzyl alcohol : CAS#100-51-6
	Diethylenetriamine : CAS#111-40-0
	Bisphenol A : <b>CAS#80-05-7</b>
Florida:	Not Available
Michigan:	Not Available

## 15.4. GLOBAL INVENTORIES

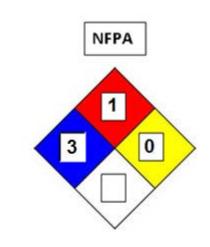
Chemical Name	USA TSCA	Canada DSL/NDSL
Diaminopolypropylene glycol	Yes	DSL
Phenol, 4-nonyl-,branched	Yes	DSL
Polyamid resin	Yes	DSL
Benzyl alcohol	Yes	DSL
Mixed cycloaliphatic amines	Yes	DSL
Diethylenetriamine	Yes	DSL
Bisphenol A	Yes	DSL
Tertiary amine	Yes	DSL
2,4,6-tris(dimethylaminomethyl)phenol	Yes	DSL
Triethylenetetramine	Yes	DSL
Salicylic acid	Yes	DSL

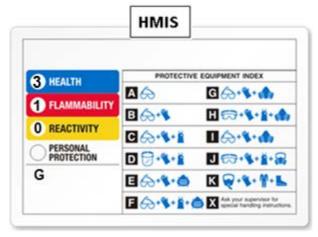


#### 15.5. NFPA AND HMIS RATINGS:



Haz	Hazard Index	
4	Severe Hazard	
3	Serious Hazard	
2	Moderate Hazard	
1	Slight Hazard	





### 15.6. SOURCE AGENCY CARCINOGEN CLASSIFICATIONS:

CP65	California Proposition 65
OSHA (O)	Occupational Safety and Health Administration
ACGIH (G)	American Conference of Governmental Industrial Hygienists
	A1 – Confirmed human carcinogen
	A2 – Suspected human carcinogen
	A3 – Animal carcinogen
	A4 – Not classifiable as a human carcinogen
	A5 – Not suspected a human carcinogen
IARC (I)	International Agency for Research on Cancer
	<ul> <li>1 – The agent (mixture) is carcinogenic to humans</li> </ul>
	2A – The agent (mixture) is probably carcinogenic to humans; there
	is limited evidence of carcinogenicity in humans and sufficient



	<ul> <li>evidence of carcinogenicity in experimental animals.</li> <li>2B – The agent (mixture) is possibly carcinogenic to humans; there is limited evidence of carcinogenicity in humans in the absence of sufficient evidence of carcinogenicity in experimental animals.</li> <li>3 – The agent (mixture, exposure circumstance) is not classifiable as to its carcinogenicity to humans.</li> <li>4 – The agent (mixture, exposure circumstance) is probably not carcinogenic to humans.</li> </ul>
NTP (N)	National Toxicology Program
	1 – Known to be carcinogens
	2 – Reasonably anticipated to be carcinogens

## **Section 16: OTHER INFORMATION**

**Date of Preparation:** May 10, 2013

Version: 1.1

Revision Date: June 22, 2016

**Disclaimer:** The information and recommendations contained herein are based upon data believed to be correct. However, no guarantee or warranty of any kind, express or implied, is made with respect to the information contained herein. We accept no responsibility and disclaim all liability for any harmful effects which may be caused by exposure to silica contained in our products.

Prepared by: Custom Building Products

Phone: (562)-968-2980

www.custombuildingproducts.com

**End of Safety Data Sheet**