

**RECTORSEAL**

A CSW Industrials Company

## SAFETY DATA SHEET

**EP-200/EP-400 EPOXY PUTTY**

2 in 1 epoxy putty stick

**SECTION 1 - PRODUCT AND COMPANY INFORMATION****Product Name**

RectorSeal EP-200/400

**Product Codes**

97600, 97601, 97602, 97606, 97620, 97621

**Chemical Family**

Organic/Inorganic

**Use**

Multiple Use Epoxy Putty

**Manufacturer's Name**RectorSeal LLC  
2601 Spenwick Drive  
Houston, Texas 77055 USA**supplier**UNITEC CO LTD.  
3-5-12Nishiku-Itatibori  
Osaka 550-0012 Japan**Emergency Telephone No.**Chemtrec 24 Hours  
(800) 424-9300 USA  
(703) 527-3887 International**Date of validation**

March 8, 2022

**Date of Preparation**

April 3, 2017

**Technical Service Telephone No.**

(800) 231-3345 or (713) 263-8001

**SECTION 2 - HAZARDS IDENTIFICATION****2.1 Classification of the substance or mixture****GHS-US classification**

Skin Irrit. 2	H315
Eye Irrit. 2	H319
Skin Sens. 1	H317
Carc. 1A	H350
Full text of H statements	: see section 16

**2.2 Label elements****GHS-US labeling****Hazard pictograms (GHS-US)**

Signal word (GHS-US)	:	DANGER!
Hazard statements (GHS-US)	:	H315 - Causes skin irritation H317 - May cause an allergic skin reaction H319 - Causes serious eye irritation H350 - May cause cancer H412 - Harmful to aquatic life with long lasting effects. EUH205 - Contains epoxy constituents. May produce an allergic reaction.

# EP-200/EP-400 EPOXY PUTTY

2 in 1 epoxy putty stick

Precautionary statements (GHS-US) :

- P201 - Obtain special instructions
- P202 - Do not handle until all safety precautions have been read and understood
- P261 - Avoid breathing dust,fume,gas,mist,vapor spray
- P264 - Wash affected areas 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
- P305+P351+P338 - If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
- P308+P313 - If exposed or concerned: Get medical advice/attention
- P321 - Specific treatment: See section 4.1 on SDS
- P332+P313 - If skin irritation occurs: Get medical advice/attention
- P333+P313 - If skin irritation or rash occurs: Get medical advice/attention
- P337+P313 - If eye irritation persists: Get medical advice/attention
- P362+P364 - Take off contaminated clothing and wash it before reuse
- P363 - Wash contaminated clothing before reuse
- P405 - Store locked up
- P501 - Dispose of contents/container to appropriate waste disposal facility, in accordance with local, regional, national, international regulations.

## 2.3. Other hazards

Other hazards not contributing to the classification : None under normal conditions.

## 2.4. Unknown acute toxicity (GHS US)

No data available

## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

### 3.1 Substances

Not applicable

### 3.2. Mixtures

Name	Product identifier	%	GHS-US classification
Talc	(CAS No) 14807-96-6, (EC No) 238-877-9	39.954 - 66.59	Not classified
2,2-Bis-[4-(2,3-Epoxypropoxy) Phenyl] Propane, Polymer	(CAS No) 25085-99-8, (EC No) 607-537-5	10 - 30	Skin Irrit. 2, H315; Eye Irrit. 2A, H319; Skin Sens. 1, H317
GMP-800	(CAS No) Trade Secret	10 - 30	Not classified
Dolomite	(CAS No) 16389-88-1, (EC No) 240-440-2	3.3295 - 6.659	Not classified
Magnesium Carbonate	(CAS No) 546-93-0, (EC No) 208-915-9	0.6659 - 3.3295	Not classified
Quartz	(CAS No) 14808-60-7, (EC No) 238-878-4	0.6659 - 3.3295	Acute Tox. 4 (Oral), H302; Carc. 1A, H350
2,4,6-Tris (Dimethylaminomethyl) Phenol	(CAS No) 90-72-2, (EC No) 202-013-9	> 1.5675	Acute Tox. 4 (Oral), H302; Skin Irrit. 2, H315
Electronic Grade Resin	(CAS No) 28064-14-4, (EC No) 608-164-0	1 - 5	Not classified
Iron (III) Oxide	(CAS No) 1309-37-1, (EC No) 215-168-2	1 - 5	Not classified
Epoxy White	(CAS No) 025085-99-8, (EC No) 691-646-8	< 1	Not classified
DMP-30		< 0.0825	Not classified
Carbon Black	(CAS No) 1333-86-4, (EC No) 215-609-9	< 0.0389702	Carc. 2, H351
Silicon, Crystalline	(CAS No) 7440-21-3, (EC No) 231-130-8	< 0.0186	Not classified
Chromium	(CAS No) 7440-47-3, (EC No) 231-157-5	< 0.0124	Not classified
Manganese	(CAS No) 7439-96-5, (EC No) 231-869-6	< 0.01178	Not classified

The exact percentage is a trade secret.

# EP-200/EP-400 EPOXY PUTTY

2 in 1 epoxy putty stick

## SECTION 4: FIRST AID MEASURES

### 4.1. Description of first aid measures

First-aid measures general	:	Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).
First-aid measures after inhalation	:	Allow victim to breathe fresh air. Allow the victim to rest.
First-aid measures after skin contact	:	Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse.
First-aid measures after eye contact	:	Rinse immediately with plenty of water. Obtain medical attention if pain, blinking or redness persist.
First-aid measures after ingestion	:	Rinse mouth. Do NOT induce vomiting. Obtain emergency medical attention.

### 4.2. Most important symptoms and effects, both acute and delayed

Symptoms/injuries	:	If you feel unwell, seek medical advice.
Symptoms/injuries after inhalation	:	May cause cancer by inhalation.
Symptoms/injuries after skin contact	:	May cause slight irritation.
Symptoms/injuries after eye contact	:	May cause slight eye irritation.
Symptoms/injuries after ingestion	:	May be harmful if swallowed and enters airways.

### 4.3. Indication of any immediate medical attention and special treatment needed

No additional information available

## SECTION 5: FIREFIGHTING MEASURES

### 5.1. Extinguishing media

Suitable extinguishing media	:	Foam. Dry powder. Carbon dioxide. Water spray. Sand.
Unsuitable extinguishing media	:	Do not use a heavy water stream.

### 5.2. Special hazards arising from the substance or mixture

No additional information available

### 5.3. Advice for firefighters

Firefighting instructions	:	Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire-fighting water from entering environment.
Protection during firefighting	:	Do not enter fire area without proper protective equipment, including respiratory protection.

# EP-200/EP-400 EPOXY PUTTY

2 in 1 epoxy putty stick

## SECTION 6: ACCIDENTAL RELEASE MEASURES

### **6.1.1. For non-emergency personnel**

Protective equipment	:	Safety glasses. Gloves.
Emergency procedures	:	Evacuate unnecessary personnel.

### **6.1.2. For emergency responders**

Protective equipment	:	Equip cleanup crew with proper protection.
Emergency procedures	:	Ventilate area.

### **6.2. Environmental precautions**

Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.

### **6.3. Methods and material for containment and cleaning up**

For containment	:	Keep in tubing if not used.
Methods for cleaning up	:	On land, sweep or shovel into suitable containers. Minimize generation of dust. Store away from other materials.

### **6.4. Reference to other sections**

See Heading 8. Exposure controls and personal protection.

## SECTION 7: HANDLING AND STORAGE

### **7.1. Precautions for safe handling**

Precautions for safe handling	:	Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Provide good ventilation in process area to prevent formation of vapor. Obtain special instructions. Do not handle until all safety precautions have been read and understood.
Hygiene measures	:	Do not eat, drink or smoke when using this product. Wash affected areas thoroughly after handling. Wash contaminated clothing before reuse. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Always wash hands after handling the product. Remove contaminated clothes. Separate working clothes from town clothes. Launder separately.

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

Follow Label Directions.

# EP-200/EP-400 EPOXY PUTTY

2 in 1 epoxy putty stick

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1. Control parameters

2,2-Bis-[4-(2,3-Epoxypropoxy) Phenyl] Propane, Polymer (25085-99-8)		
USA OSHA	OSHA PEL (TWA) (mg/m <sup>3</sup> )	15 mg/m <sup>3</sup>
DNEL	DNEL	<
Carbon Black (1333-86-4)		
USA ACGIH	ACGIH TWA (mg/m <sup>3</sup> )	3 mg/m <sup>3</sup> (Carbon black; USA; Time-weighted average exposure limit 8 h; TLV - Adopted Value; Inhalable fraction)
Iron (III) Oxide (1309-37-1)		
USA ACGIH	ACGIH TWA (mg/m <sup>3</sup> )	5 mg/m <sup>3</sup> (Iron oxide (Fe <sub>2</sub> O <sub>3</sub> ); USA; Time-weighted average exposure limit 8 h; TLV - Adopted Value; Respirable fraction)
Manganese (7439-96-5)		
USA ACGIH	ACGIH TWA (mg/m <sup>3</sup> )	0.1 mg/m <sup>3</sup> (Manganese, elemental; USA; Time-weighted average exposure limit 8 h; TLV - Adopted Value; Inhalable fraction)
Chromium (7440-47-3)		
USA ACGIH	ACGIH TWA (mg/m <sup>3</sup> )	0.1 mg/m <sup>3</sup> (Manganese, elemental; USA; Time-weighted average exposure limit 8 h; TLV - Adopted Value; Inhalable fraction)
Talc (14807-96-6)		
USA ACGIH	ACGIH TWA (mg/m <sup>3</sup> )	2 mg/m <sup>3</sup> (Talc (containing no asbestos fibers); USA; Time-weighted average exposure limit 8 h; TLV - Adopted Value; Respirable fraction. The value is for particulate matter containing no asbestos and < 1% crystalline silica; Talc (containing asbestos fibers); 0.1 fibers/cm <sup>3</sup> ; USA; Time-weighted average exposure limit 8 h; TLV - Adopted Value; Respirable fibers: length > 5 µm; aspect ratio ≥ 3:1, as determined by the membrane filter method at 400-450X magnification (4- mm objective), using phase-contrast illumination)
USA OSHA	ACGIH TWA (mg/m <sup>3</sup> )	2 mg/m <sup>3</sup>
Dolomite (16389-88-1)		
USA ACGIH	ACGIH TWA (mg/m <sup>3</sup> )	3 mg/m <sup>3</sup> (Particulates (insoluble or poorly soluble)(NOS); USA; Time-weighted average exposure limit 8 h; TLV - Adopted Value; Respirable fraction)
Magnesium Carbonate (546-93-0)		
USA OSHA	OSHA PEL (TWA) (mg/m <sup>3</sup> )	15 mg/m <sup>3</sup>
Quartz (14808-60-7)		
USA ACGIH	ACGIH TWA (mg/m <sup>3</sup> )	0.025 mg/m <sup>3</sup>
USA OSHA	OSHA PEL (TWA) (mg/m <sup>3</sup> )	0.1 mg/m <sup>3</sup>

### 8.2. Exposure controls

- Appropriate engineering controls : Local exhaust ventilation, vent hoods. Ensure good ventilation of the work station.
- Personal protective equipment : Gloves. Safety glasses. Avoid all unnecessary exposure.



- Materials for protective clothing : GIVE EXCELLENT RESISTANCE:
- Hand protection : Wear protective gloves.
- Eye protection : Chemical goggles or safety glasses.
- Skin and body protection : Wear suitable protective clothing.
- Respiratory protection : Wear appropriate mask.
- Environmental exposure controls : Avoid release to the environment.
- Consumer exposure controls : Avoid contact during pregnancy/while nursing.
- Other information : Do not eat, drink or smoke during use.

# EP-200/EP-400 EPOXY PUTTY

2 in 1 epoxy putty stick

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### 9.1. Information on basic physical and chemical properties

Physical state	:	Solid
Appearance	:	Cylindrical Putty Stick.
Color	:	Gray.
Odor	:	Pungent.
Odor threshold	:	No data available
pH	:	No data available
Relative evaporation rate (butyl acetate=1)	:	No data available
Melting point	:	No data available
Freezing point	:	No data available
Boiling point	:	> 100 °C
Flash point	:	> 100 °C
Auto-ignition temperature	:	No data available
Decomposition temperature	:	No data available
Flammability (solid, gas)	:	No data available
Vapor pressure	:	No data available
Relative vapor density at 20 °C	:	No data available
Relative density	:	1.7
Solubility	:	No data available
Log Pow	:	No data available
Log Kow	:	No data available
Viscosity, kinematic	:	No data available
Viscosity, dynamic	:	No data available
Explosive properties	:	No data available
Oxidizing properties	:	No data available
Explosion limits	:	No data available

### 9.2. Other information

VOC content	:	< 1 %
-------------	---	-------

## SECTION 10: STABILITY AND REACTIVITY

### 10.1. Reactivity

No additional information available

### 10.2. Chemical stability

Not established.

### 10.3. Possibility of hazardous reactions

Not established.

### 10.4. Conditions to avoid

Direct sunlight. Extremely high or low temperatures.

### 10.5. Incompatible materials

Strong acids. Strong bases.

### 10.6. Hazardous decomposition products

Toxic fume. Carbon monoxide. Carbon dioxide.

# EP-200/EP-400 EPOXY PUTTY

2 in 1 epoxy putty stick

## SECTION 11: TOXICOLOGICAL INFORMATION

### 11.1. Information on toxicological effects

Acute toxicity : Not classified

GMP-800 (Trade Secret)

LD50 oral rat 2.6 g/kg

LD50 dermal rabbit > 10.2 g/kg

2,2-Bis-[4-(2,3-Epoxypropoxy) Phenyl] Propane, Polymer (25085-99-8)

LD50 oral rat > 5000 mg/kg (Rat)

LD50 dermal rabbit 20000 mg/kg (Rabbit)

Electronic Grade Resin (28064-14-4)

LD50 oral rat 4000 mg/kg

2,4,6-Tris (Dimethylaminomethyl) Phenol (90-72-2)

LD50 oral rat 1200 mg/kg (Rat; Equivalent or similar to OECD 401; Literature study; 2169 mg/kg bodyweight; Rat; Experimental value)

LD50 dermal rat > 2000 mg/kg (Rat; Literature study; Other; >1 ml/kg; Rat; Experimental value)

Carbon Black (1333-86-4)

LD50 oral rat > 8000 mg/kg (Rat; Equivalent or similar to OECD 401; Experimental value)

LD50 dermal rabbit > 3000 mg/kg (Rabbit)

Iron (III) Oxide (1309-37-1)

LD50 oral rat > 5000 mg/kg (Rat; Literature study)

Manganese (7439-96-5)

LD50 oral rat 9000 mg/kg (Rat)

Silicon, Crystalline (7440-21-3)

LD50 oral rat > 3160 mg/kg (Rat; OECD 401: Acute Oral Toxicity; Experimental value; >5000 mg/kg bodyweight; Rat; Weight of evidence)

LD50 dermal rabbit > 5000 mg/kg body weight (Rabbit; Weight of evidence)

Quartz (14808-60-7)

LD50 oral rat 500 mg/kg

Skin corrosion/irritation : Causes skin irritation.

Serious eye damage/irritation : Causes serious eye irritation.

Respiratory or skin sensitization : May cause an allergic skin reaction.

Germ cell mutagenicity : Not classified

Carcinogenicity : May cause cancer.

Carbon Black (1333-86-4)

IARC group 2B

Iron (III) Oxide (1309-37-1)

IARC group 3

Chromium (7440-47-3)

IARC group 3

Talc (14807-96-6)

IARC group 3

Quartz (14808-60-7)

IARC group 1

# EP-200/EP-400 EPOXY PUTTY

2 in 1 epoxy putty stick

Reproductive toxicity	:	Not classified
Specific target organ toxicity – single exposure	:	Not classified
Specific target organ toxicity – repeated exposure	:	Not classified
Aspiration hazard	:	Not classified
Potential Adverse human health effects and symptoms	:	Based on available data, the classification criteria are not met.
Symptoms/injuries after inhalation	:	May cause cancer by inhalation.
Symptoms/injuries after skin contact	:	May cause slight irritation.
Symptoms/injuries after eye contact	:	May cause slight eye irritation.
Symptoms/injuries after ingestion	:	May be harmful if swallowed and enters airways.

## SECTION 12: ECOLOGICAL INFORMATION

### 12.1. Toxicity

GMP-800 (Trade Secret)

LC50 fish 1 > 100 mg/l

2,2-Bis-[4-(2,3-Epoxypropoxy) Phenyl] Propane, Polymer (25085-99-8)

LC50 fish 1 3.1 mg/l 96 Hours Freshwater Fish (Pimephales promelas)

EC50 Daphnia 1 1.4 mg/l 48 Hours

2,4,6-Tris (Dimethylaminomethyl) Phenol (90-72-2)

EC50 Daphnia 2 41.3 mg/l (LC50; 48 h; Daphnia magna)

Threshold limit algae 2 84 mg/l (EC50; OECD 201: Alga, Growth Inhibition Test; 72 h; Scenedesmus subspicatus; Static system; Fresh water; Experimental value)

Carbon Black (1333-86-4)

LC50 fish 1 > 1000 mg/l (LC50; OECD 203: Fish, Acute Toxicity Test; 96 h; Brachydanio rerio)

EC50 Daphnia 1 > 5600 mg/l (EC50; OECD 202: Daphnia sp. Acute Immobilisation Test; 24 h; Daphnia magna; Static system; Fresh water)

LC50 fish 2 1000 mg/l (LC0; OECD 203: Fish, Acute Toxicity Test; 96 h; Brachydanio rerio; Semi-static system; Fresh water; Experimental value)

Threshold limit algae 1 > 10000 mg/l (EC50; OECD 201: Alga, Growth Inhibition Test; 72 h; Scenedesmus subspicatus; Static system; Fresh water; Experimental value)

Iron (III) Oxide (1309-37-1)

LC50 fish 1 > 1000 mg/l (LC50; 48 h)

Talc (14807-96-6)

LC50 fish 1 > 100 g/l (LC50; 24 h; Brachydanio rerio)

### 12.2. Persistence and degradability

RectorSeal EP 200/400

Persistence and degradability Not established.

GMP-800 (Trade Secret)

Persistence and degradability Not established.

2,2-Bis-[4-(2,3-Epoxypropoxy) Phenyl] Propane, Polymer (25085-99-8)

Persistence and degradability Not established.

Electronic Grade Resin (28064-14-4)

Persistence and degradability Biodegradability in soil: no data available. Not established.

Epoxy White (025085-99-8)

Persistence and degradability Not established.

2,4,6-Tris (Dimethylaminomethyl) Phenol (90-72-2)

Persistence and degradability Not readily biodegradable in water. Highly mobile in soil. Low potential for adsorption in soil.



## EP-200/EP-400 EPOXY PUTTY

2 in 1 epoxy putty stick

### DMP-30

Persistence and degradability Biodegradability in soil: no data available.

### Carbon Black (1333-86-4)

Persistence and degradability Biodegradability: not applicable. Biodegradability in soil: not applicable. Adsorbs into the soil. Not established.

ThOD Not applicable

### Iron (III) Oxide (1309-37-1)

Persistence and degradability Biodegradability: not applicable. Adsorbs into the soil.

Biochemical oxygen demand (BOD) Not applicable

Chemical oxygen demand (COD) Not applicable

ThOD Not applicable

### Manganese (7439-96-5)

Persistence and degradability Biodegradability: not applicable. Adsorbs into the soil.

Biochemical oxygen demand (BOD) Not applicable

Chemical oxygen demand (COD) Not applicable

ThOD Not applicable

### Silicon, Crystalline (7440-21-3)

Persistence and degradability Not established.

Biochemical oxygen demand (BOD) Not applicable

Chemical oxygen demand (COD) Not applicable

ThOD Not applicable

### Chromium (7440-47-3)

Persistence and degradability Biodegradability: not applicable. Biodegradability in soil: not applicable. Adsorbs into the soil.

Biochemical oxygen demand (BOD) Not applicable

Chemical oxygen demand (COD) Not applicable

ThOD Not applicable

### Talc (14807-96-6)

Persistence and degradability Biodegradability: not applicable.

Biochemical oxygen demand (BOD) Not applicable

Chemical oxygen demand (COD) Not applicable

ThOD Not applicable

### Dolomite (16389-88-1)

Persistence and degradability Biodegradability: not applicable.

Biochemical oxygen demand (BOD) Not applicable

Chemical oxygen demand (COD) Not applicable

ThOD Not applicable

### Magnesium Carbonate (546-93-0)

Persistence and degradability Biodegradability: not applicable.

Biochemical oxygen demand (BOD) Not applicable

Chemical oxygen demand (COD) Not applicable

ThOD Not applicable

### Quartz (14808-60-7)

Persistence and degradability Biodegradability: not applicable.

Biochemical oxygen demand (BOD) Not applicable

Chemical oxygen demand (COD) Not applicable

ThOD Not applicable

## EP-200/EP-400 EPOXY PUTTY

2 in 1 epoxy putty stick

### 12.3. Bioaccumulative potential

QUIKSTEEL MP 4 OZ.

Bioaccumulative potential Not established.

GMP-800 (Trade Secret)

Bioaccumulative potential Not established.

2,2-Bis-[4-(2,3-Epoxypropoxy) Phenyl] Propane, Polymer (25085-99-8)

Bioaccumulative potential Not established.

Electronic Grade Resin (28064-14-4)

Bioaccumulative potential No bioaccumulation data available. Not established.

Epoxy White (025085-99-8)

Bioaccumulative potential Not established.

2,4,6-Tris (Dimethylaminomethyl) Phenol (90-72-2)

Log Pow 0.77 (Literature; 0.219; Experimental value; Equivalent or similar to OECD 107; 21.5 °C)

Bioaccumulative potential Low potential for bioaccumulation (Log Kow < 4).

DMP-30

Bioaccumulative potential No bioaccumulation data available.

Carbon Black (1333-86-4)

Bioaccumulative potential Not bioaccumulative. Not established.

Iron (III) Oxide (1309-37-1)

Bioaccumulative potential No bioaccumulation data available.

Manganese (7439-96-5)

BCF fish 1 81 (BCF)

BCF other aquatic organisms 1 300000 (BCF)

BCF other aquatic organisms 2 125000 (BCF)

Bioaccumulative potential Not established.

Silicon, Crystalline (7440-21-3)

Bioaccumulative potential Not established.

Chromium (7440-47-3)

BCF fish 1 0.0048 (BCF)

BCF other aquatic organisms 1 0.443 (BCF)

Bioaccumulative potential Not bioaccumulative.

Talc (14807-96-6)

Bioaccumulative potential Not established.

Dolomite (16389-88-1)

Bioaccumulative potential No bioaccumulation data available.

Magnesium Carbonate (546-93-0)

Bioaccumulative potential No bioaccumulation data available.

### 12.4. Mobility in soil

2,4,6-Tris (Dimethylaminomethyl) Phenol (90-72-2)

Log Koc Koc, SRC PCKOCWIN v2.0; 20.98; QSAR; log Koc; 1.32; Calculated value

Carbon Black (1333-86-4)

Ecology - soil Not toxic to plants. Not toxic to animals.

Silicon, Crystalline (7440-21-3)

Surface tension 0.74 N/m (1410 °C)

### 12.5. Other adverse effects

Other information : Avoid release to the environment.

# EP-200/EP-400 EPOXY PUTTY

2 in 1 epoxy putty stick

## SECTION 13: DISPOSAL CONSIDERATIONS

### 13.1. Waste treatment methods

Product/Packaging disposal recommendations	:	Dispose of contents/container to appropriate waste disposal facility, in accordance with local, regional, national, international regulations.
Ecology - waste materials	:	Dispose in a safe manner in accordance with local/national regulations. Avoid release to the environment.

## SECTION 14: TRANSPORT INFORMATION

### 14.1. Transport information

In accordance with ADR / RID / IMDG / IATA / ADN

US DOT (ground):	Not Regulated
ICAO/IATA (air):	Not Regulated
IMO/IMDG (water):	Not Regulated

### 14.2. UN proper shipping name

Proper Shipping Name (DOT)	:	Not Regulated
----------------------------	---	---------------

### 14.3. Additional information

Other information	:	No supplementary information available.
-------------------	---	---

#### Overland transport

No additional information available

#### Transport by sea

No additional information available

#### Air transport

No additional information available

## SECTION 15: REGULATORY INFORMATION

### 15.1. US Federal regulations

RectorSeal EP200/400

SARA Section 311/312 Hazard Classes	Immediate (acute) health hazard Delayed (chronic) health hazard
-------------------------------------	--

GMP-800 (Trade Secret)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

2,2-Bis-[4-(2,3-Epoxypropoxy) Phenyl] Propane, Polymer (25085-99-8)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

SARA Section 311/312 Hazard Classes	Immediate (acute) health hazard
-------------------------------------	---------------------------------

Electronic Grade Resin (28064-14-4)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

SARA Section 311/312 Hazard Classes	Immediate (acute) health hazard
-------------------------------------	---------------------------------

Epoxy White (025085-99-8)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

Carbon Black (1333-86-4)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

# EP-200/EP-400 EPOXY PUTTY

2 in 1 epoxy putty stick

## 15.2. International regulations

### CANADA

GMP-800 (Trade Secret)

Listed on the Canadian DSL (Domestic Substances List)

2,2-Bis-[4-(2,3-Epoxypropoxy) Phenyl] Propane, Polymer (25085-99-8)

Listed on the Canadian DSL (Domestic Substances List)

WHMIS Classification Class D Division 2 Subdivision B - Toxic material causing other toxic effects

Electronic Grade Resin (28064-14-4)

Listed on the Canadian DSL (Domestic Substances List)

WHMIS Classification Class D Division 2 Subdivision B - Toxic material causing other toxic effects

Epoxy White (025085-99-8)

Carbon Black (1333-86-4)

Listed on the Canadian DSL (Domestic Substances List)

### EU-Regulations

GMP-800 (Trade Secret)

Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)

2,2-Bis-[4-(2,3-Epoxypropoxy) Phenyl] Propane, Polymer (25085-99-8)

Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)

Electronic Grade Resin (28064-14-4)

Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)

Epoxy White (025085-99-8)

Carbon Black (1333-86-4)

Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)

# EP-200/EP-400 EPOXY PUTTY

2 in 1 epoxy putty stick

## Classification according to Regulation (EC) No. 1272/2008 [CLP]

## Classification according to Directive 67/548/EEC [DSD] or 1999/45/EC [DPD]

R43

R52/53

Full text of R-phrases: see section 16

## 15.2.2. National regulations

GMP-800 (Trade Secret)

Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)

Listed on the AICS (Australian Inventory of Chemical Substances)

Listed on the Korean ECL (Existing Chemicals List)

2,2-Bis-[4-(2,3-Epoxypropoxy) Phenyl] Propane, Polymer (25085-99-8)

Listed on the AICS (Australian Inventory of Chemical Substances)

Listed on KECL (Korean Existing Chemicals Inventory)

Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)

Listed on the Japanese ENCS (Existing & New Chemical Substances) inventory

Listed on NZIoC (New Zealand Inventory of Chemicals)

Electronic Grade Resin (28064-14-4)

Listed on the Korean ECL (Existing Chemicals List)

Listed on the Japanese ENCS (Existing & New Chemical Substances) inventory

Listed on the AICS (Australian Inventory of Chemical Substances)

Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)

Listed on NZIoC (New Zealand Inventory of Chemicals)

Epoxy White (025085-99-8)

Carbon Black (1333-86-4)

Listed on the AICS (Australian Inventory of Chemical Substances)

Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)

Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)

Listed on NZIoC (New Zealand Inventory of Chemicals) Listed on KECL (Korean Existing Chemicals Inventory)

Listed on the Japanese ENCS (Existing & New Chemical Substances) inventory

Listed on the Korean ECL (Existing Chemicals List)

## 15.3. US State regulations

RectorSeal EP200/400

U.S. - California - Proposition 65 - Carcinogens List No

U.S. - California - Proposition 65 - Developmental No Toxicity

U.S. - California - Proposition 65 - Reproductive No Toxicity - Female

U.S. - California - Proposition 65 - Reproductive No Toxicity - Male

State or local regulations U.S. - California - Proposition 65

	U.S. - California - Proposition 65				Non-significant risk level (NSRL)
	Carcinogens List	Developmental Toxicity	Reproductive Toxicity - Female	Reproductive Toxicity - Male	
GMP-800 (Trade Secret)	No	No	Yes	Yes	
2,2-Bis-[4-(2,3-Epoxypropoxy) Phenyl] Propane, Polymer (25085-99-8)	No	No	No	No	
Electronic Grade Resin (28064-14-4)	No	No	No	No	
Epoxy White (025085-99-8)	No	No	No	No	
2,4,6-Tris (Dimethylaminomethyl) Phenol (90-72-2)	No	No	No	No	
DMP-30	No	No	No	No	
Carbon Black (1333-86-4)	Yes	No	No	No	

# EP-200/EP-400 EPOXY PUTTY

2 in 1 epoxy putty stick

	U.S. - California - Proposition 65				Non-significant risk level (NSRL)
	Carcinogens List	Developmental Toxicity	Reproductive Toxicity - Female	Reproductive Toxicity - Male	
Iron (III) Oxide (1309-37-1)	No	No	No	No	
Manganese (7439-96-5)	No	No	No	No	
Silicon, Crystalline (7440-21-3)	No	No	No	No	
Chromium (7440-47-3)	No	No	No	No	
Talc (14807-96-6)	No	No	No	No	
Dolomite (16389-88-1)	No	No	No	No	
Magnesium Carbonate (546-93-0)	No	No	No	No	
Quartz (14808-60-7)	No	No	No	No	

GMP-800 (Trade Secret)

State or local regulations

U.S. - California - Proposition 65

Carbon Black (1333-86-4)

State or local regulations

U.S. - California - Proposition 65

U.S. - Pennsylvania - RTK (Right to Know) List

U.S. - New Jersey - Right to Know Hazardous Substance

U.S. - Massachusetts - Right To Know List

## SECTION 16: OTHER INFORMATION

Other information : None.

Full text of H-phrases:

H302

H315

H317

H319

H350

H351

Harmful if swallowed

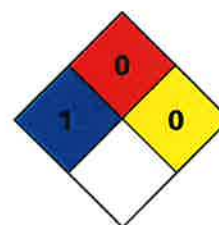
Causes skin irritation

May cause an allergic skin reaction

Causes serious eye irritation

May cause cancer

Suspected of causing cancer



NFPA health hazard

Flammability

Physical

Personal Protection

: 1 Slight Hazard - Irritation or minor reversible injury possible

: 0 Minimal Hazard

: 0 Minimal Hazard

: B