

# Safety Data Sheet

According to Regulation (EC) No. 1272/2008 (CLP) and (EC) No. 1907/2006 (REACH)

Initial preparation date: 01.18.2019

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## Epoxy Putty Stick - Steel - Part A

### SECTION 1: Identification of the substance/mixture and of the company/undertaking

#### 1.1 Product identifier

**Product Name:** Epoxy Putty Stick - Steel - Part A

**Product code:** 8267, 8267S, 8267H



#### 1.2 Relevant identified uses of the substance or mixture and uses advised against

**Relevant identified uses:** Not determined or not applicable.

**Uses advised against:** Not determined or not applicable.

**Reasons why uses advised against:** Not determined or not applicable.

#### 1.3 Details of the manufacturer/supplier of the safety data sheet

**Manufacturer:**

**North America**

JB Weld Company, LLC  
400 CMH Road  
Sulphur Springs, TX 75482  
903-885-7696  
info@jbweld.com

**Supplier:**

**European Union**

JRP Distribution Ltd.  
Unit 3 New Wharf Brighton Road  
Shoreham by Sea, BN43 6RN

#### 1.4 Emergency telephone number:

**United Kingdom**

CHEMTREC

1-703-527-3887

+(44)-870-8200418 (London)

### SECTION 2: Hazard(s) identification

#### 2.1 Classification of the substance or mixture:

**Classification according to Regulation (EC) No. 1272/2008 (CLP):**

Skin sensitization, category 1

Eye irritation, category 2A

Skin irritation, category 2

Chronic aquatic hazard, category 2

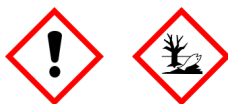
**Hazard-determining components of labeling:**

Phenol, 4,4'-(1-methylethylidene)bis-, polymer with 2-(chloromethyl)oxiran

P-tert-butylphenyl 1-(2,3-epoxy)propyl ether

#### 2.2 Label elements

**Hazard pictograms:**



**Signal word:** Warning

**Hazard statements:**

H317 May cause an allergic skin reaction.

H319 Causes serious eye irritation.

H315 Causes skin irritation.

H411 Toxic to aquatic life with long lasting effects.

**Precautionary statements:**

P261 Avoid breathing dust/fume/gas/mist/vapors/spray.

P272 Contaminated work clothing should not be allowed out of the workplace.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

P264 Wash skin and eyes thoroughly after handling.

P273 Avoid release to the environment.

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P321 Specific treatment (see supplemental first aid instructions on this label).

P302+P352 IF ON SKIN: Wash with plenty of water/soap.

P333+P313 If skin irritation or a rash occurs: Get medical advice/attention

P362+P364 Take off contaminated clothing and wash it before reuse.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337+P313 If eye irritation persists get medical advice/attention

P391 Collect spillage

P501 Dispose of contents/container in accordance with local regulations.

### 2.3 Other hazards: None known

## SECTION 3: Composition/information on ingredients

### 3.1 Substance: Not applicable.

### 3.2 Mixture:

Identification	Name	Classification according to Regulation (EC) No. 1272/2008 (CLP)	Weight %
CAS number: 14807-96-6 EC number: 238-877-9	Talc Powder	Not classified	<40
CAS number: 65997-17-3 EC number: 266-046-0	Glass, oxide, chemicals	Not classified	<25
CAS number: 25068-38-6 EC number: 500-033-5	Phenol, 4,4'-(1-methylethylidene)bis-, polymer with 2-(chloromethyl)oxiran	Skin Sens. 1; H317 Skin Irrit. 2 ; H315 Eye Irrit. 2; H319 Aquatic Chronic 2; H411	<25
CAS number: 7439-89-6 EC number: 231-096-4	Iron	Not classified	<20
CAS number: 3101-60-8 EC number: 221-453-2	P-tert-butylphenyl 1-(2,3-epoxy)propyl ether	Skin Sens. 1; H317 Skin Irrit. 2 ; H315 Eye Irrit. 2; H319 Aquatic Chronic 2; H411	<2
CAS number: 13463-67-7 EC number: 236-675-5	Titanium Dioxide	Not classified	<1

Additional information: None

Full Text of H and EUH statements: See section 16

## SECTION 4: First aid measures

### 4.1 Description of first aid measures

#### General notes:

Not determined or not available.

#### Following inhalation:

Loosen clothing as necessary and position individual in a comfortable position

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Maintain an unobstructed airway  
Get medical advice/attention if you feel unwell

#### Following skin contact:

Rinse affected area with soap and water  
If symptoms develop or persist, seek medical attention  
Take off all contaminated clothing  
Gently blot or brush away excess product  
Wash with plenty of lukewarm, gently flowing water  
Get medical advice if skin irritation occurs or you feel unwell

#### Following eye contact:

Rinse/flush exposed eye(s) gently using water for 15-20 minutes  
If symptoms develop or persist, seek medical attention  
Rinse eyes cautiously with lukewarm, gently flowing water for several minutes, while holding the eyelids open  
Remove contact lenses, if present and easy to do so  
Continue rinsing for 15-20 minutes  
Get medical advice if eye irritation persists

#### Following ingestion:

Rinse mouth thoroughly  
Seek medical attention if irritation, discomfort, or vomiting persists

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

##### Acute symptoms and effects:

Not determined or not available.

##### Delayed symptoms and effects:

Not determined or not available.

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

##### Specific treatment:

Not determined or not available.

##### Notes for the doctor:

Not determined or not available

### SECTION 5: Firefighting measures

#### 5.1 Extinguishing media

##### Suitable extinguishing media:

Use appropriate fire suppression agents for adjacent combustible materials or sources of ignition.

##### Unsuitable extinguishing media:

Not determined or not applicable.

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

Thermal decomposition can lead to release of irritating gases and vapors.

#### 5.3 Advice for firefighters

##### Personal protection equipment:

Use typical firefighting equipment, self-contained breathing apparatus, special tightly sealed suit.

##### Special precautions:

Carbon monoxide and carbon dioxide may form upon combustion.  
Heating causes a rise in pressure, risk of bursting and combustion.

### SECTION 6: Accidental release measures

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

Ensure adequate ventilation.  
Ensure air handling systems are operational.  
Wear protective eye wear, gloves and clothing.

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#### 6.2 Environmental precautions:

Should not be released into the environment.  
Prevent from reaching drains, sewer or waterway.

#### 6.3 Methods and material for containment and cleaning up:

Wear protective eye wear, gloves and clothing.  
Sweep or scoop up solid material while minimizing dust generation.  
Dispose of contents / container in accordance with local regulations.

#### 6.4 Reference to other sections:

Not determined or not applicable.

### SECTION 7: Handling and storage

#### 7.1 Precautions for safe handling:

Use only with adequate ventilation.  
Avoid breathing dust.  
Do not eat, drink, smoke or use personal products when handling chemical substances.

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

Keep container tightly sealed.  
Keep container dry.  
Store in a cool, well-ventilated area.

#### 7.3 Specific end use(s):

Not determined or not applicable.

### SECTION 8: Exposure controls/personal protection



#### 8.1 Control parameters

Only those substances with limit values have been included below.

##### Occupational Exposure limit values:

Country (Legal Basis)	Substance	Identifier	Permissible concentration
Czech Republic	Iron	7439-89-6	8-hour TWA: 10 mg/m <sup>3</sup>
	Glass, oxide, chemicals	65997-17-3	8-hour TWA: 5.0 mg/m <sup>3</sup> (glass laminate dusts)
	Glass, oxide, chemicals	65997-17-3	8-hour TWA: 1.0 fibers/cm <sup>3</sup> (respirable fibers)
	Glass, oxide, chemicals	65997-17-3	8-hour TWA: 4 mg/m <sup>3</sup> (synthetic mineral fibers - all sizes)
	Glass, oxide, chemicals	65997-17-3	8-hour TWA: 1.0 fibers/cm <sup>3</sup> (synthetic mineral respirable fibers)
	Glass, oxide, chemicals	65997-17-3	8-hour TWA: 0.3 fibers/cm <sup>3</sup> (ceramic respirable fibers)
	Talc Powder	14807-96-6	8-hour TWA: 2.0 mg/m <sup>3</sup> (dust, respirable fraction, Fr ≤ 5%)
	Talc Powder	14807-96-6	8-hour TWA: 10 mg/m <sup>3</sup> (dust, respirable fraction, Fr > 5%)

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Country (Legal Basis)	Substance	Identifier	Permissible concentration
	Talc Powder	14807-96-6	8-hour TWA: 10 mg/m <sup>3</sup> (dust, total concentration)
	Talc Powder	14807-96-6	8-hour TWA: 5.0 mg/m <sup>3</sup> (polymeric material dust)
Slovakia	Iron	7439-89-6	8-hour TWA: 6 mg/m <sup>3</sup>
	Titanium Dioxide	13463-67-7	OEL: TWA (NPEL) 5 mg/m <sup>3</sup> 8-hr
	Glass, oxide, chemicals	65997-17-3	8-hour TWA (NPEL): 2 fibers/cm <sup>3</sup> (4 mg/m <sup>3</sup> )
	Talc Powder	14807-96-6	8-hour TWA (NPEL): 2 mg/m <sup>3</sup> (respirable fraction, Fr ≤ 5%)
	Talc Powder	14807-96-6	8-hour TWA: 2 mg/m <sup>3</sup> (respirable fraction, Fr > 5 %)
Bulgaria	Glass, oxide, chemicals	65997-17-3	TWA: 6.0 mg/m <sup>3</sup> (inhalable fraction)
	Iron	7439-89-6	TWA: 6 mg/m <sup>3</sup>
	Glass, oxide, chemicals	65997-17-3	TWA: 1.0 fibres/cm <sup>3</sup> (respirable fraction)
	Titanium Dioxide	13463-67-7	OEL: TWA 10.0 mg/m <sup>3</sup> (Respirable dust)
	Talc Powder	14807-96-6	TWA: 6.0 mg/m <sup>3</sup> (inhalable fraction)
	Talc Powder	14807-96-6	TWA: 3.0 mg/m <sup>3</sup> (respirable fraction)
Cyprus	Glass, oxide, chemicals	65997-17-3	8-hour TWA: 10 mg/m <sup>3</sup>
	Titanium Dioxide	13463-67-7	OEL: TWA 10.0 mg/m <sup>3</sup> 8-hr
	Talc Powder	14807-96-6	8-hour TWA: 706 particles/cm <sup>3</sup>
Croatia	Titanium Dioxide	13463-67-7	OEL: TWA 10.0 mg/m <sup>3</sup> (Total dust) 15-min
	Titanium Dioxide	13463-67-7	OEL: TWA 4.0 mg/m <sup>3</sup> (Respirable dust) 15-min
	Talc Powder	14807-96-6	Maximum (8 hr) allowable concentration: 1 mg/m <sup>3</sup> (respirable dust)
Estonia	Titanium Dioxide	13463-67-7	OEL: TWA 5 mg/m <sup>3</sup> 8-hr
	Glass, oxide, chemicals	65997-17-3	8-hour TWA: 1 fibers/cm <sup>3</sup>
	Talc Powder	14807-96-6	8-hour TWA: 10 mg/m <sup>3</sup> (total dust)
	Talc Powder	14807-96-6	8-hour TWA: 5 mg/m <sup>3</sup> (fine dust)
	Talc Powder	14807-96-6	8-hour TWA: 3 mg/m <sup>3</sup> (plastic)
	Talc Powder	14807-96-6	8-hour TWA: 1 mg/m <sup>3</sup> (textile)
	Talc Powder	14807-96-6	8-hour TWA: 5 mg/m <sup>3</sup> (organic dust, total dust)
Hungary	Glass, oxide, chemicals	65997-17-3	8-Hour TWA (ÁK Value): 1.0 fibers/cm <sup>3</sup>
	Talc Powder	14807-96-6	8-hour TWA (ÁK Value): 2 mg/m <sup>3</sup> (respirable)
	Talc Powder	14807-96-6	8-hour TWA (ÁK Value): 10 mg/m <sup>3</sup> (total, inhalable)
Latvia	Titanium Dioxide	13463-67-7	OEL: TWA 10.0 mg/m <sup>3</sup> 8-hr
	Glass, oxide, chemicals	65997-17-3	8-hour TWA: 2 mg/m <sup>3</sup>

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	Talc Powder	14807-96-6	8-hour TWA: 4 mg/m <sup>3</sup> (tuff, pumice, perlite)
	Talc Powder	14807-96-6	8-hour TWA: 2 mg/m <sup>3</sup> (natural and synthetic)
	Talc Powder	14807-96-6	8-hour TWA: 5 mg/m <sup>3</sup> (polymers)
	Talc Powder	14807-96-6	8-hour TWA: 2 mg/m <sup>3</sup> (abrasive dusts)
	Talc Powder	14807-96-6	8-hour TWA: 4 mg/m <sup>3</sup> (tal-like dust)
Lithuania	Titanium Dioxide	13463-67-7	OEL: TWA 5 mg/m <sup>3</sup> 8-hr
	Glass, oxide, chemicals	65997-17-3	8-hour TWA: 1 fibers/cm <sup>3</sup> (glass fiber)
	Glass, oxide, chemicals	65997-17-3	8-hour TWA: 0.2 fibers/cm <sup>3</sup> (synthetic inorganic, crystal fibers)
	Glass, oxide, chemicals	65997-17-3	8-hour TWA: 1 fibers/cm <sup>3</sup> (synthetic inorganic, amorphous fibers)
	Talc Powder	14807-96-6	8-hour TWA: 2 mg/m <sup>3</sup> (inhalable fraction)
	Talc Powder	14807-96-6	8-hour TWA: 1 mg/m <sup>3</sup> (respirable fraction)
Poland	Titanium Dioxide	13463-67-7	OEL: TWA (NDS) 10.0 mg/m <sup>3</sup> 8-hr
	Glass, oxide, chemicals	65997-17-3	8-hour TWA( NDS): 2.0 mg/m <sup>3</sup> (inhalable fraction)
	Glass, oxide, chemicals	65997-17-3	8-hour TWA (NDS): 1.0 fibers/cm <sup>3</sup> (respirable fibers)
	Talc Powder	14807-96-6	8-hour TWA (NDS): 4 mg/m <sup>3</sup> (inhalable fraction)
	Talc Powder	14807-96-6	8-hour TWA (NDS): 1 mg/m <sup>3</sup> (respirable fraction)
Romania	Titanium Dioxide	13463-67-7	OEL: TWA 10.0 mg/m <sup>3</sup> 8-hr
	Titanium Dioxide	13463-67-7	OEL: STEL 15 mg/m <sup>3</sup> 15-min
	Glass, oxide, chemicals	65997-17-3	8-hour TWA: 1 fibers/cm <sup>3</sup> (glass wool fibers - respirable fraction)
	Glass, oxide, chemicals	65997-17-3	8-hour TWA: 1 fibers/cm <sup>3</sup> (rock wool fibers - respirable fraction)
	Glass, oxide, chemicals	65997-17-3	8-hour TWA: 1 fibers/cm <sup>3</sup> (slag wool fibers - respirable fraction)
	Glass, oxide, chemicals	65997-17-3	8-hour TWA: 1 fibers/cm <sup>3</sup> (special purpose glass fibers - respirable fraction)
	Talc Powder	14807-96-6	8-hour TWA: 2 mg/m <sup>3</sup> (inhalable fraction)
Austria	Titanium Dioxide	13463-67-7	OEL: TWA 5 mg/m <sup>3</sup>
	Titanium Dioxide	13463-67-7	OEL: STEL 10 mg/m <sup>3</sup>
Belgium	Titanium Dioxide	13463-67-7	OEL: TWA 10.0 mg/m <sup>3</sup> 8-hr
	Glass, oxide, chemicals	65997-17-3	8-hour TWA: 10 mg/m <sup>3</sup> (glass - fibers or dusts of)
	Talc Powder	14807-96-6	8-hour TWA: 2 mg/m <sup>3</sup>

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	Talc Powder	14807-96-6	8-hour TWA: 10 mg/m <sup>3</sup> (inhalable fraction)
	Talc Powder	14807-96-6	8-hour TWA: 3 mg/m <sup>3</sup> (respirable fraction)
Denmark	Titanium Dioxide	13463-67-7	OEL: TWA 6.0 mg/m <sup>3</sup>
	Glass, oxide, chemicals	65997-17-3	TWA: 1 fibers/cm <sup>3</sup>
Finland	Titanium Dioxide	13463-67-7	OEL: TWA 10.0 mg/m <sup>3</sup> 8-hr
	Glass, oxide, chemicals	65997-17-3	8-hour limit: 5 mg/m <sup>3</sup>
	Talc Powder	14807-96-6	15-minute limit: 2 ppm (inhalable)
	Talc Powder	14807-96-6	15-minute limit: 1 ppm (respirable)
France	Titanium Dioxide	13463-67-7	OEL: (VME) 10 mg/m <sup>3</sup>
	Talc Powder	14807-96-6	Time weighted average (VME): 10 mg/m <sup>3</sup> (inhalable fraction)
	Talc Powder	14807-96-6	Time weighted average (VME): 5 mg/m <sup>3</sup> (respirable fraction)
Slovenia	Glass, oxide, chemicals	65997-17-3	8-hour TWA: 500000 fibers/m <sup>3</sup>
	Talc Powder	14807-96-6	8-hour TWA: 2 mg/m <sup>3</sup> (Respirable fraction)
Greece	Titanium Dioxide	13463-67-7	OEL: TWA 10.0 mg/m <sup>3</sup> (Inhalable) 8-hr
	Titanium Dioxide	13463-67-7	OEL: TWA 5.0 mg/m <sup>3</sup> (Respirable dust) 8-hr
	Talc Powder	14807-96-6	8-hour TWA: 10 mg/m <sup>3</sup> (inhalable)
	Talc Powder	14807-96-6	8-hour TWA: 2 mg/m <sup>3</sup> (respirable)
Ireland	Titanium Dioxide	13463-67-7	OEL: TWA 10.0 mg/m <sup>3</sup> (Inhalable dust) 8-hr
	Titanium Dioxide	13463-67-7	OEL: TWA 4.0 mg/m <sup>3</sup> (Respirable dust) 8-hr
	Glass, oxide, chemicals	65997-17-3	8-hour OEL (TWA): 2 fibers/cm <sup>3</sup> of air (5 mg/m <sup>3</sup> )
	Talc Powder	14807-96-6	8-hour OEL (TWA): 10 mg/m <sup>3</sup> (total inhalable dust)
	Talc Powder	14807-96-6	8-hour OEL (TWA): 0.8 mg/m <sup>3</sup> (respirable fraction)
Italy	Titanium Dioxide	13463-67-7	OEL: TWA 10.0 mg/m <sup>3</sup> 8-hr
	Glass, oxide, chemicals	65997-17-3	8-hour TWA: 1 fibres/cm <sup>3</sup>
	Talc Powder	14807-96-6	8-hour TWA: 2 mg/m <sup>3</sup> (respirable fraction)
Portugal	Titanium Dioxide	13463-67-7	OEL: TWA 10.0 mg/m <sup>3</sup> 8-hr
	Glass, oxide, chemicals	65997-17-3	NP 1796-2007 8-hour exposure limit: 1 fibres/cm <sup>3</sup>
	Talc Powder	14807-96-6	NP 1796-2007 8-hour exposure limit: 2 mg/m <sup>3</sup> (respirable fraction)
Netherlands	Glass, oxide, chemicals	65997-17-3	Binding 8-hour TWA: 0.5 fibre/cm <sup>3</sup>

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	Talc Powder	14807-96-6	8-hour TWA: 0.25 mg/m <sup>3</sup> (respirable)
Spain	Titanium Dioxide	13463-67-7	OEL: (VLA_ED) 10.0 mg/m <sup>3</sup> 8-hr
	Glass, oxide, chemicals	65997-17-3	8-hour daily exposure limit (VLA_ED): 0.5 fibres/cm <sup>3</sup>
	Talc Powder	14807-96-6	8-hour daily exposure limit (VLA_ED): 2 mg/m <sup>3</sup> (respirable fraction)
Sweden	Titanium Dioxide	13463-67-7	OEL: (NGV) 5.0 (Total dust) mg/m <sup>3</sup>
	Glass, oxide, chemicals	65997-17-3	Level Limit Value (NGV): 1 fiber/mL
	Talc Powder	14807-96-6	Level Limit Value (NGV): 2 mg/m <sup>3</sup> (total dust)
	Talc Powder	14807-96-6	Level Limit Value (NGV): 1 mg/m <sup>3</sup> (respirable dust)
United Kingdom	Titanium Dioxide	13463-67-7	OEL: TWA 10.0 mg/m <sup>3</sup> (Total dust)
	Titanium Dioxide	13463-67-7	OEL: TWA 4.0 mg/m <sup>3</sup> (Respirable dust)
	Glass, oxide, chemicals	65997-17-3	TWA: 1 fibre/mL (5 mg/m <sup>3</sup> )
	Talc Powder	14807-96-6	TWA: 1 mg/m <sup>3</sup> (respirable dust)
Germany	Talc Powder	14807-96-6	AGW Limit value: 1.25 mg/m <sup>3</sup> (respirable fraction)
	Talc Powder	14807-96-6	AGW limit value: 10 mg/m <sup>3</sup> (inhalable fraction)
	Talc Powder	14807-96-6	AGW Short term (15 min) exposure limit: 20 mg/m <sup>3</sup> (inhalable fraction)

#### Biological limit values:

No biological exposure limits noted for the ingredient(s).

#### Derived No Effect Level (DNEL):

Not determined or not applicable.

#### Predicted No Effect Concentration (PNEC):

Not determined or not applicable.

#### Information on monitoring procedures:

Monitoring of the concentration of substances in the breathing zone of workers or in the general workplace may be required to confirm compliance with an OEL and adequacy of exposure controls. Biological monitoring may also be appropriate for some substances.

### 8.2 Exposure controls

#### Appropriate engineering controls:

Emergency eye wash fountains and safety showers should be available in the immediate vicinity of use or handling.

Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapor and mists below the applicable workplace exposure limits (Occupational Exposure Limits-OELs) indicated above.

#### Personal protection equipment

##### Eye and face protection:

Safety goggles or glasses, or appropriate eye protection.

##### Skin and body protection:

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Select glove material impermeable and resistant to the substance.

Wear appropriate clothing to prevent any possibility of skin contact.

#### Respiratory protection:

If engineering controls do not maintain airborne concentrations below recommended exposure limits (where applicable) or to an acceptable level (in countries where exposure limits have not been established), an approved respirator must be worn.

#### General hygienic measures:

Avoid contact with skin, eyes and clothing.

Wash hands before breaks and at the end of work.

Wash contaminated clothing before reuse.

#### Environmental exposure controls:

Select controls based on a risk assessment of local conditions.

See section 6 for information on accidental release measures.

### SECTION 9: Physical and chemical properties

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

Appearance	Very thick black paste (solid)
Odor	Not available
Odor threshold	Not available
pH	Not available
Melting point/freezing point	Not available
Initial boiling point/range	Not available
Flash point (closed cup)	135°C (275°F)
Evaporation rate	Not available
Flammability (solid, gas)	Not available
Upper flammability/explosive limit	Not available
Lower flammability/explosive limit	Not available
Vapor pressure	Not available
Vapor density	Not available
Density	2.15
Relative density	Not available
Solubilities	Not determined or not available.
Partition coefficient (n-octanol/water)	Not available
Auto/Self-ignition temperature	Not available
Decomposition temperature	Not available
Dynamic viscosity	Not available
Kinematic viscosity	Not available
Explosive properties	Not available
Oxidizing properties	Not available

#### 9.2 Other information

### SECTION 10: Stability and reactivity

#### 10.1 Reactivity:

Does not react under normal conditions of use and storage.

#### 10.2 Chemical stability:

Stable under normal conditions of use and storage.

#### 10.3 Possibility of hazardous reactions:

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None under normal conditions of use and storage.

#### 10.4 Conditions to avoid:

None known.

#### 10.5 Incompatible materials:

None known.

#### 10.6 Hazardous decomposition products:

None known.

### SECTION 11: Toxicological information

#### 11.1 Information on toxicological effects

##### Acute toxicity

**Assessment:** Based on available data, the classification criteria are not met.

**Product data:** No data available.

**Substance data:** No data available.

##### Skin corrosion/irritation

**Assessment:** Causes skin irritation

**Product data:**

No data available.

**Substance data:**

Name	Result
Phenol, 4,4'-(1-methylethylidene)bis-, polymer with 2-(chloromethyl)oxiran	Causes skin irritation.
P-tert-butylphenyl 1-(2,3-epoxy)propyl ether	Causes skin irritation

##### Serious eye damage/irritation

**Assessment:** Causes serious eye irritation

**Product data:**

No data available.

**Substance data:**

Name	Result
Phenol, 4,4'-(1-methylethylidene)bis-, polymer with 2-(chloromethyl)oxiran	Causes serious eye irritation.
P-tert-butylphenyl 1-(2,3-epoxy)propyl ether	Causes serious eye damage

##### Respiratory or skin sensitization

**Assessment:** May cause an allergic skin reaction

**Product data:**

No data available.

**Substance data:**

Name	Result
Phenol, 4,4'-(1-methylethylidene)bis-, polymer with 2-(chloromethyl)oxiran	May cause an allergic skin reaction.

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### Epoxy Putty Stick - Steel - Part A

Name	Result
P-tert-butylphenyl 1-(2,3-epoxy)propyl ether	Result : May cause sensitisation by skin contact.

#### Carcinogenicity

**Assessment:** Based on available data, the classification criteria are not met.

**Product data:** No data available.

**Substance data:**

Name	Species	Result
Glass, oxide, chemicals	Not applicable	May cause cancer via inhalation.
Titanium Dioxide	Not applicable.	Airborne, unbound particles of respirable size are known to cause cancer.

#### International Agency for Research on Cancer (IARC):

Name	Classification
Talc Powder	Group 3 - Not classifiable as to its carcinogenicity to humans
Glass, oxide, chemicals	Group 2B
Titanium Dioxide	Group 2B

#### National Toxicology Program (NTP):

Name	Classification
Glass, oxide, chemicals	Reasonably anticipated to be human carcinogens

#### Germ cell mutagenicity

**Assessment:** Based on available data, the classification criteria are not met.

**Product data:** No data available.

**Substance data:** No data available.

#### Reproductive Toxicity

**Assessment:** Based on available data, the classification criteria are not met.

**Product data:**

No data available.

**Substance data:** No data available.

#### Specific target organ toxicity (single exposure)

**Assessment:** Based on available data, the classification criteria are not met.

**Product data:**

No data available.

**Substance data:** No data available.

#### Specific target organ toxicity (repeated exposure)

**Assessment:** Based on available data, the classification criteria are not met.

**Product data:**

No data available.

**Substance data:** No data available.

#### Aspiration toxicity

**Assessment:** Based on available data, the classification criteria are not met.

**Product data:**

No data available.

**Substance data:** No data available.

#### Information on likely routes of exposure:

No data available.

#### Symptoms related to the physical, chemical and toxicological characteristics:

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### Epoxy Putty Stick - Steel - Part A

No data available.

**Other information:**

No data available.

### SECTION 12: Ecological information

#### 12.1 Toxicity

**Acute (short-term) toxicity**

**Assessment:** Based on available data, the classification criteria are not met.

**Product data:** No data available.

**Substance data:**

Name	Result
Phenol, 4,4'-(1-methylethylidene)bis-, polymer with 2-(chloromethyl)oxiran	EC50 - Scenedesmus capricornutum - 9 mg/L - 48 h

**Chronic (long-term) toxicity**

**Product data:** No data available.

**Substance data:** No data available.

#### 12.2 Persistence and degradability

**Product data:** No data available.

**Substance data:** No data available.

#### 12.3 Bioaccumulative potential

**Product data:** No data available.

**Substance data:** No data available.

#### 12.4 Mobility in soil

**Product data:** No data available.

**Substance data:** No data available.

#### 12.5 Results of PBT and vPvB assessment

**PBT assessment:** This product does not contain any substances that are assessed to be a PBT.

**vPvB assessment:** This product does not contain any substances that are assessed to be a vPvB.

#### 12.6 Other adverse effects: No data available.

### SECTION 13: Disposal considerations

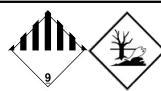
#### 13.1 Waste treatment methods

**Relevant information:**

It is the responsibility of the waste generator to properly characterize all waste materials according to applicable regulatory entities

### SECTION 14: Transport information

#### International Carriage of Dangerous Goods by Road/Rail (ADR/RID)

UN number	UN 3077
UN proper shipping name	Environmentally hazardous substance, Solid, N.O.S. (Phenol, 4,4'-(1-methylethylidene)bis-, polymer with 2-(chloromethyl)oxiran, P-tert-butylphenyl 1-(2,3-epoxy)propyl ether)
UN transport hazard class(es)	9 
Packing group	III

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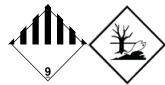
### Epoxy Putty Stick - Steel - Part A

<b>Environmental hazards</b>	Marine Pollutant (Phenol, 4,4'-(1-methylethylidene)bis-, polymer with 2-(chloromethyl)oxiran, P-tert-butylphenyl 1-(2,3-epoxy)propyl ether)
<b>Special precautions for user</b>	None


### International Carriage of Dangerous Goods by Inland Waterways (ADN)

<b>UN number</b>	UN 3077
<b>UN proper shipping name</b>	Environmentally hazardous substance, Solid, N.O.S. (Phenol, 4,4'-(1-methylethylidene)bis-, polymer with 2-(chloromethyl)oxiran, P-tert-butylphenyl 1-(2,3-epoxy)propyl ether)
<b>UN transport hazard class(es)</b>	9 
<b>Packing group</b>	III
<b>Environmental hazards</b>	Marine Pollutant (Phenol, 4,4'-(1-methylethylidene)bis-, polymer with 2-(chloromethyl)oxiran, P-tert-butylphenyl 1-(2,3-epoxy)propyl ether)
<b>Special precautions for user</b>	None

### International Maritime Dangerous Goods (IMDG)

<b>UN number</b>	UN 3077
<b>UN proper shipping name</b>	Environmentally hazardous substance, Solid, N.O.S. (Phenol, 4,4'-(1-methylethylidene)bis-, polymer with 2-(chloromethyl)oxiran, P-tert-butylphenyl 1-(2,3-epoxy)propyl ether)
<b>UN transport hazard class(es)</b>	9 
<b>Packing group</b>	III
<b>Environmental hazards</b>	Marine Pollutant (Phenol, 4,4'-(1-methylethylidene)bis-, polymer with 2-(chloromethyl)oxiran, P-tert-butylphenyl 1-(2,3-epoxy)propyl ether)
<b>Special precautions for user</b>	None

### International Air Transport Association Dangerous Goods Regulations (IATA-DGR)

<b>UN number</b>	UN 3077
<b>UN proper shipping name</b>	Environmentally hazardous substance, Solid, N.O.S. (Phenol, 4,4'-(1-methylethylidene)bis-, polymer with 2-(chloromethyl)oxiran, P-tert-butylphenyl 1-(2,3-epoxy)propyl ether)
<b>UN transport hazard class(es)</b>	9 
<b>Packing group</b>	III
<b>Environmental hazards</b>	Marine Pollutant (Phenol, 4,4'-(1-methylethylidene)bis-, polymer with 2-(chloromethyl)oxiran, P-tert-butylphenyl 1-(2,3-epoxy)propyl ether)
<b>Special precautions for user</b>	None

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### Epoxy Putty Stick - Steel - Part A

#### 14.7 Transport in bulk according to Annex II of MARPOL and the IBC Code

Bulk Name	None
Ship type	None
Pollution category	None

### SECTION 15: Regulatory information

#### 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture.

##### European regulations

##### Inventory listing (EINECS):

25068-38-6	Phenol, 4,4'-(1-methylethylidene)bis-, polymer with 2-(chloromethyl)oxiran	Listed
3101-60-8	P-tert-butylphenyl 1-(2,3-epoxy)propyl ether	Listed
14807-96-6	Talc Powder	Listed
7439-89-6	Iron	Listed
65997-17-3	Glass, oxide, chemicals	Listed
13463-67-7	Titanium Dioxide	Listed

**REACH SVHC candidate list:** None of the ingredients are listed.

**REACH SVHC Authorizations:** None of the ingredients are listed.

**REACH Restriction:** None of the ingredients are listed.

**Water hazard class (WGK) (Product):** Not determined.

**Water hazard class (WGK) (Substance):**

Ingredient Name	CAS	Class
Phenol, 4,4'-(1-methylethylidene)bis-, polymer with 2-(chloromethyl)oxiran	25068-38-6	2
Talc Powder	14807-96-6	Non-hazardous to water.
Iron	7439-89-6	Non-hazardous to water.
Titanium Dioxide	13463-67-7	Non-hazardous to water.

##### Other regulations

**Germany MAK:** Talc Powder: 8-hour TWA: 0.3 mg/m<sup>3</sup> (respirable fraction), Talc Powder: 8-hour TWA: 4 mg/m<sup>3</sup> (inhalable fraction)

#### 15.2 Chemical Safety Assessment

No Chemical Safety Assessment has been carried out for this substance/mixture by the supplier.

### SECTION 16: Other information

##### Indication of changes:

Not applicable.

**Abbreviations and Acronyms:** None

##### Classification procedure:

Classification according to Regulation (EC) No. 1272/2008 (CLP)	Method Used
Skin sensitization, category 1	Calculation method
Eye irritation, category 2A	Calculation method
Skin irritation, category 2	Calculation method
Chronic aquatic hazard, category 2	Calculation method

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### Epoxy Putty Stick - Steel - Part A

#### Summary of classification in section 3:

Skin Sens. 1; H317	Skin sensitization, category 1
Skin Irrit. 2 ; H315	Skin irritation, category 2
Eye Irrit. 2; H319	Eye irritation, category 2A
Aquatic Chronic 2; H411	Chronic aquatic hazard, category 2

#### Summary of hazard statements in section 3:

H317	May cause an allergic skin reaction
H315	Causes skin irritation
H319	Causes serious eye irritation
H411	Toxic to aquatic life with long lasting effects

#### Disclaimer:

This product has been classified in accordance with EC No. 1272/2008 (CLP) and EC No. 1907/2006 (REACH). The information provided in this SDS is correct, to the best of our knowledge, based on information available. The information given is designed only as a guidance for safe handling, use, storage, transportation and disposal and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials, unless specified in the text. The responsibility to provide a safe workplace remains with the user.

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End of Safety Data Sheet