

## 1 Identification

- **Product identifier**
- **Trade name:** Eastwood EW13032ZP Self Etch Weld-Thru
- **Article number:** EW-13032ZP
- **Application of the substance / the mixture**  
Coating  
ETCH WELD PRIMER
- **Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**  
The Eastwood Company  
263 Shoemaker Road  
Pottstown, PA 19464  
800 343 9353
- **Information department:**
- **Emergency telephone number:** CHEMTREC 1-800-424-9300

## 2 Hazard(s) identification

- **Classification of the substance or mixture**



GHS02 Flame

Flam. Liq. 2 H225 Highly flammable liquid and vapor.



GHS08 Health hazard

Muta. 1B H340 May cause genetic defects.

Carc. 1A H350 May cause cancer.

Repr. 1 H360 May damage fertility or the unborn child.

STOT SE 2 H371 May cause damage to organs.

STOT RE 2 H373 May cause damage to organs through prolonged or repeated exposure.



GHS07

Skin Irrit. 2 H315 Causes skin irritation.

Eye Irrit. 2A H319 Causes serious eye irritation.

STOT SE 3 H336 May cause drowsiness or dizziness.

- **Label elements**

- **GHS label elements** The product is classified and labeled according to the Globally Harmonized System (GHS).

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**· Hazard pictograms**


GHS02   GHS07   GHS08

**· Signal word Danger**
**· Hazard-determining components of labeling:**

 toluene  
 Quartz (SiO<sub>2</sub>)  
 Stoddard solvent  
 acetone

**· Hazard statements**

H225 Highly flammable liquid and vapor.  
 H315 Causes skin irritation.  
 H319 Causes serious eye irritation.  
 H340 May cause genetic defects.  
 H350 May cause cancer.  
 H360 May damage fertility or the unborn child.  
 H371 May cause damage to organs.  
 H336 May cause drowsiness or dizziness.  
 H373 May cause damage to organs through prolonged or repeated exposure.

**· Precautionary statements**

P210 Keep away from heat/sparks/open flames/hot surfaces. No smoking.  
 P241 Use explosion-proof electrical/ventilating/lighting/equipment.  
 P260 Do not breathe dust/fume/gas/mist/vapors/spray.  
 P280 Wear protective gloves/protective clothing/eye protection/face protection.  
 P240 Ground/bond container and receiving equipment.  
 P233 Keep container tightly closed.  
 P242 Use only non-sparking tools.  
 P243 Take precautionary measures against static discharge.  
 P264 Wash thoroughly after handling.  
 P270 Do not eat, drink or smoke when using this product.  
 P201 Obtain special instructions before use.  
 P202 Do not handle until all safety precautions have been read and understood.  
 P303+P361+P353 If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.  
 P305+P351+P338 If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
 P321 Specific treatment (see on this label).  
 P308+P313 IF exposed or concerned: Get medical advice/attention.  
 P332+P313 If skin irritation occurs: Get medical advice/attention.  
 P337+P313 If eye irritation persists: Get medical advice/attention.  
 P314 Get medical advice/attention if you feel unwell.  
 P370+P378 In case of fire: Use for extinction: CO<sub>2</sub>, powder or water spray.  
 P362+P364 Take off contaminated clothing and wash it before reuse.  
 P405 Store locked up.  
 P403+P235 Store in a well-ventilated place. Keep cool.  
 P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

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**· Classification system:**
**· NFPA ratings (scale 0 - 4)**

**· HMIS-ratings (scale 0 - 4)**

**· Other hazards**
**· Results of PBT and vPvB assessment**
**· PBT:** Not applicable.

**· vPvB:** Not applicable.

**3 Composition/information on ingredients**
**· Chemical characterization: Mixtures**
**· Description:**

Mixture: consisting of the following components.

Weight percentages

**· Dangerous components:**

108-88-3	toluene	40 - 60%
1330-20-7	xylene	10 - 13%
67-64-1	acetone	7 - 10%
	Resin NJTSRN 6784	
14808-60-7	Quartz (SiO <sub>2</sub> )	1.5 - 5%
	EPOXY RESIN	1.5 - 5%
12001-26-2	Mica	1.5 - 5%
123-86-4	n-butyl acetate	1-1.5%
100-41-4	ethylbenzene	≤1%
143860-04-2	3-ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazolidine	≤1%
8052-41-3	Stoddard solvent	≤1%

**4 First-aid measures**
**· Description of first aid measures**
**· After inhalation:** In case of unconsciousness place patient stably in side position for transportation.

**· After skin contact:** Immediately wash with water and soap and rinse thoroughly.

**· After eye contact:**

Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.

**· After swallowing:** If symptoms persist consult doctor.

**· Information for doctor:**
**· Most important symptoms and effects, both acute and delayed** No further relevant information available.

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- **Indication of any immediate medical attention and special treatment needed**  
No further relevant information available.

## 5 Fire-fighting measures

- **Extinguishing media**
- **Suitable extinguishing agents:**  
CO<sub>2</sub>, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
- **For safety reasons unsuitable extinguishing agents:** Water with full jet
- **Special hazards arising from the substance or mixture** No further relevant information available.
- **Advice for firefighters**
- **Protective equipment:** No special measures required.

## 6 Accidental release measures

- **Personal precautions, protective equipment and emergency procedures**  
Wear protective equipment. Keep unprotected persons away.
- **Environmental precautions:** Do not allow to enter sewers/ surface or ground water.
- **Methods and material for containment and cleaning up:**  
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).  
Dispose contaminated material as waste according to item 13.  
Ensure adequate ventilation.
- **Reference to other sections**  
See Section 7 for information on safe handling.  
See Section 8 for information on personal protection equipment.  
See Section 13 for disposal information.
- **Protective Action Criteria for Chemicals**

### · PAC-I:

108-88-3	toluene	67 ppm
1330-20-7	xylene	130 ppm
67-64-1	acetone	200 ppm
14808-60-7	Quartz (SiO <sub>2</sub> )	0.075 mg/m <sup>3</sup>
13463-67-7	titanium dioxide	30 mg/m <sup>3</sup>
12001-26-2	Mica	9 mg/m <sup>3</sup>
123-86-4	n-butyl acetate	5 ppm
100-41-4	ethylbenzene	33 ppm
67762-90-7	FUMED SILICA	120 mg/m <sup>3</sup>
6915-15-7	malic acid	4.8 mg/m <sup>3</sup>
8052-41-3	Stoddard solvent	300 mg/m <sup>3</sup>
96-29-7	2-butanone oxime	30 ppm
1333-86-4	Carbon black	9 mg/m <sup>3</sup>
122-99-6	2-Phenoxyethanol	1.5 ppm
110-12-3	5-methylhexan-2-one	50 ppm
111-76-2	2-butoxyethanol	60 ppm
149-57-5	2-ethylhexanoic acid	15 mg/m <sup>3</sup>

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57-55-6	Methyl glycol	30 mg/m <sup>3</sup>
78-83-1	butanol	150 ppm
21645-51-2	aluminium hydroxide	8.7 mg/m <sup>3</sup>
7631-86-9	silicon dioxide, chemically prepared	18 mg/m <sup>3</sup>

## · PAC-2:

108-88-3	toluene	560 ppm
1330-20-7	xylene	920* ppm
67-64-1	acetone	3200* ppm
14808-60-7	Quartz (SiO <sub>2</sub> )	33 mg/m <sup>3</sup>
13463-67-7	titanium dioxide	330 mg/m <sup>3</sup>
12001-26-2	Mica	99 mg/m <sup>3</sup>
123-86-4	n-butyl acetate	200 ppm
100-41-4	ethylbenzene	1100* ppm
67762-90-7	FUMED SILICA	1,300 mg/m <sup>3</sup>
6915-15-7	malic acid	53 mg/m <sup>3</sup>
8052-41-3	Stoddard solvent	1,800 mg/m <sup>3</sup>
96-29-7	2-butanone oxime	56 ppm
1333-86-4	Carbon black	99 mg/m <sup>3</sup>
122-99-6	2-Phenoxyethanol	16 ppm
110-12-3	5-methylhexan-2-one	69 ppm
111-76-2	2-butoxyethanol	120 ppm
149-57-5	2-ethylhexanoic acid	99 mg/m <sup>3</sup>
57-55-6	Methyl glycol	1,300 mg/m <sup>3</sup>
78-83-1	butanol	1,300 ppm
21645-51-2	aluminium hydroxide	73 mg/m <sup>3</sup>
7631-86-9	silicon dioxide, chemically prepared	740 mg/m <sup>3</sup>

## · PAC-3:

108-88-3	toluene	3700* ppm
1330-20-7	xylene	2500* ppm
67-64-1	acetone	5700* ppm
14808-60-7	Quartz (SiO <sub>2</sub> )	200 mg/m <sup>3</sup>
13463-67-7	titanium dioxide	2,000 mg/m <sup>3</sup>
12001-26-2	Mica	590 mg/m <sup>3</sup>
123-86-4	n-butyl acetate	3000* ppm
100-41-4	ethylbenzene	1800* ppm
67762-90-7	FUMED SILICA	7,900 mg/m <sup>3</sup>
6915-15-7	malic acid	320 mg/m <sup>3</sup>
8052-41-3	Stoddard solvent	29500** mg/m <sup>3</sup>
96-29-7	2-butanone oxime	250 ppm
1333-86-4	Carbon black	590 mg/m <sup>3</sup>
122-99-6	2-Phenoxyethanol	97 ppm

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110-12-3	5-methylhexan-2-one	190 ppm
111-76-2	2-butoxyethanol	700 ppm
149-57-5	2-ethylhexanoic acid	590 mg/m <sup>3</sup>
57-55-6	Methyl glycol	7,900 mg/m <sup>3</sup>
78-83-1	butanol	8000* ppm
21645-51-2	aluminium hydroxide	440 mg/m <sup>3</sup>
7631-86-9	silicon dioxide, chemically prepared	4,500 mg/m <sup>3</sup>

## 7 Handling and storage

- **Handling:**
- **Precautions for safe handling**  
No special measures required.  
Ensure good ventilation/exhaustion at the workplace.
- **Information about protection against explosions and fires:**  
Do not spray on a naked flame or any incandescent material.  
Keep ignition sources away - Do not smoke.  
Protect against electrostatic charges.
- **Conditions for safe storage, including any incompatibilities**
- **Storage:**
- **Requirements to be met by storerooms and receptacles:** Store in a cool location.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:**  
Keep receptacle tightly sealed.  
Store in cool, dry conditions in well sealed receptacles.
- **Specific end use(s)** No further relevant information available.

## 8 Exposure controls/personal protection

- **Additional information about design of technical systems:** No further data; see item 7.
- **Control parameters**
- **Components with limit values that require monitoring at the workplace:**  
The following constituents are the only constituents of the product which have a PEL, TLV or other recommended exposure limit.  
At this time, the other constituents have no known exposure limits.

### 108-88-3 toluene

PEL	Long-term value: 200 ppm Ceiling limit value: 300; 500* ppm *10-min peak per 8-hr shift
REL	Short-term value: 560 mg/m <sup>3</sup> , 150 ppm Long-term value: 375 mg/m <sup>3</sup> , 100 ppm
TLV	Long-term value: 75 mg/m <sup>3</sup> , 20 ppm BEI

### 1330-20-7 xylene

PEL	Long-term value: 435 mg/m <sup>3</sup> , 100 ppm
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REL Short-term value: 655 mg/m<sup>3</sup>, 150 ppm  
Long-term value: 435 mg/m<sup>3</sup>, 100 ppm  
TLV Short-term value: 651 mg/m<sup>3</sup>, 150 ppm  
Long-term value: 434 mg/m<sup>3</sup>, 100 ppm  
BEI

**67-64-1 acetone**

PEL Long-term value: 2400 mg/m<sup>3</sup>, 1000 ppm  
REL Long-term value: 590 mg/m<sup>3</sup>, 250 ppm  
TLV Short-term value: 1187 mg/m<sup>3</sup>, 500 ppm  
Long-term value: 594 mg/m<sup>3</sup>, 250 ppm  
BEI

**14808-60-7 Quartz (SiO<sub>2</sub>)**

PEL see Quartz listing  
REL Long-term value: 0.05\* mg/m<sup>3</sup>  
\*respirable dust; See Pocket Guide App. A  
TLV Long-term value: 0.025\* mg/m<sup>3</sup>  
\*as respirable fraction

**12001-26-2 Mica**

PEL Long-term value: 20 mppcf ppm  
<1% crystalline silica  
REL Long-term value: 3\* mg/m<sup>3</sup>  
\*respirable dust; containing < 1% quartz  
TLV Long-term value: 3\* mg/m<sup>3</sup>  
\*as respirable fraction

**123-86-4 n-butyl acetate**

PEL Long-term value: 710 mg/m<sup>3</sup>, 150 ppm  
REL Short-term value: 950 mg/m<sup>3</sup>, 200 ppm  
Long-term value: 710 mg/m<sup>3</sup>, 150 ppm  
TLV Short-term value: 712 mg/m<sup>3</sup>, 150 ppm  
Long-term value: 238 mg/m<sup>3</sup>, 50 ppm

**100-41-4 ethylbenzene**

PEL Long-term value: 435 mg/m<sup>3</sup>, 100 ppm  
REL Short-term value: 545 mg/m<sup>3</sup>, 125 ppm  
Long-term value: 435 mg/m<sup>3</sup>, 100 ppm  
TLV Long-term value: 87 mg/m<sup>3</sup>, 20 ppm  
BEI

**8052-41-3 Stoddard solvent**

PEL Long-term value: 2900 mg/m<sup>3</sup>, 500 ppm  
REL Long-term value: 350 mg/m<sup>3</sup>  
Ceiling limit value: 1800\* mg/m<sup>3</sup>  
\*15-min  
TLV Long-term value: 525 mg/m<sup>3</sup>, 100 ppm

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· **Ingredients with biological limit values:**

**108-88-3 toluene**

BEI 0.02 mg/L  
 Medium: blood  
 Time: prior to last shift of workweek  
 Parameter: Toluene

0.03 mg/L  
 Medium: urine  
 Time: end of shift  
 Parameter: Toluene

0.3 mg/g creatinine  
 Medium: urine  
 Time: end of shift  
 Parameter: o-Cresol with hydrolysis (background)

**1330-20-7 xylene**

BEI 1.5 g/g creatinine  
 Medium: urine  
 Time: end of shift  
 Parameter: Methylhippuric acids

**67-64-1 acetone**

BEI 50 mg/L  
 Medium: urine  
 Time: end of shift  
 Parameter: Acetone (nonspecific)

**100-41-4 ethylbenzene**

BEI 0.7 g/g creatinine  
 Medium: urine  
 Time: end of shift at end of workweek  
 Parameter: Sum of mandelic acid and phenylglyoxylic acid (nonspecific, semi-quantitative)

-  
 Medium: end-exhaled air  
 Time: not critical  
 Parameter: Ethyl benzene (semi-quantitative)

· **Additional information:** The lists that were valid during the creation were used as basis.

· **Exposure controls**

· **Personal protective equipment:**

· **General protective and hygienic measures:**

Keep away from foodstuffs, beverages and feed.  
 Immediately remove all soiled and contaminated clothing.  
 Wash hands before breaks and at the end of work.  
 Store protective clothing separately.  
 Avoid contact with the eyes and skin.

· **Breathing equipment:**

In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use respiratory protective device that is independent of circulating air.

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**· Protection of hands:**

Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation



Protective gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

**· Material of gloves**

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

**· Penetration time of glove material**

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

**· Eye protection:**


Tightly sealed goggles

**9 Physical and chemical properties**
**· Information on basic physical and chemical properties**
**· General Information**
**· Appearance:**

<b>Form:</b>	Liquid
<b>Color:</b>	According to product specification
<b>· Odor:</b>	Characteristic
<b>· Odor threshold:</b>	Not determined.

**· pH-value:** Not determined.

**· Change in condition**

<b>Melting point/Melting range:</b>	Undetermined.
<b>Boiling point/Boiling range:</b>	55 °C

**· Flash point:** -18 °C

**· Flammability (solid, gaseous):** Not applicable.

**· Ignition temperature:** 465 °C

**· Decomposition temperature:** Not determined.

**· Auto igniting:** Product is not selfigniting.

**· Danger of explosion:** In use, may form flammable/explosive vapour-air mixture.

**· Explosion limits:**

<b>Lower:</b>	1.1 Vol %
<b>Upper:</b>	7.0 Vol %

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· <b>Vapor pressure at 20 °C:</b>	29 hPa
· <b>Density at 20 °C:</b>	1.10446 g/cm <sup>3</sup>
· <b>Relative density</b>	Not determined.
· <b>Vapor density</b>	Not determined.
· <b>Evaporation rate</b>	Not determined.
· <b>Solubility in / Miscibility with Water:</b>	Not miscible or difficult to mix.
· <b>Partition coefficient (n-octanol/water):</b>	Not determined.
· <b>Viscosity:</b>	
<b>Dynamic:</b>	Not determined.
<b>Kinematic:</b>	Not determined.
· <b>Solvent content:</b>	
<b>Organic solvents:</b>	63.5 %
<b>VOC content:</b>	56.4 %
	691.4 g/l / 5.77 lb/gal
· <b>Solids content:</b>	35.7 %
· <b>Other information</b>	No further relevant information available.

## 10 Stability and reactivity

- **Reactivity** No further relevant information available.
- **Chemical stability**
- **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
- **Possibility of hazardous reactions** No dangerous reactions known.
- **Conditions to avoid** No further relevant information available.
- **Incompatible materials:** No further relevant information available.
- **Hazardous decomposition products:** No dangerous decomposition products known.

## 11 Toxicological information

- **Information on toxicological effects**
- **Acute toxicity:**

- **LD/LC50 values that are relevant for classification:**

### 108-88-3 toluene

Oral	LD50	5000 mg/kg (rat)
Dermal	LD50	12124 mg/kg (rabbit)
Inhalative	LC50/4 h	5320 mg/l (mouse)

### 1330-20-7 xylene

Oral	LD50	4300 mg/kg (rat)
Dermal	LD50	2000 mg/kg (rabbit)

- **Primary irritant effect:**
- **on the skin:** Irritant to skin and mucous membranes.
- **on the eye:** Irritating effect.
- **Sensitization:** No sensitizing effects known.

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**· Additional toxicological information:**

The product shows the following dangers according to internally approved calculation methods for preparations:

Irritant

The product can cause inheritable damage.

**· Carcinogenic categories**
**· IARC (International Agency for Research on Cancer)**

108-88-3	toluene	3
1330-20-7	xylene	3
14808-60-7	Quartz (SiO <sub>2</sub> )	1
13463-67-7	titanium dioxide	2B
14807-96-6	Talc	3
100-41-4	ethylbenzene	2B
	BENTONITE	suspected carcinogen <2% 14808-60-7
1333-86-4	Carbon black	2B
111-76-2	2-butoxyethanol	3
7631-86-9	silicon dioxide, chemically prepared	3

**· NTP (National Toxicology Program)**

14808-60-7	Quartz (SiO <sub>2</sub> )	K
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**· OSHA-Ca (Occupational Safety & Health Administration)**

None of the ingredients is listed.

**12 Ecological information**
**· Toxicity**

· **Aquatic toxicity:** No further relevant information available.

· **Persistence and degradability** No further relevant information available.

**· Behavior in environmental systems:**

· **Bioaccumulative potential** No further relevant information available.

· **Mobility in soil** No further relevant information available.

**· Additional ecological information:**
**· General notes:**

Do not allow product to reach ground water, water course or sewage system, even in small quantities.

Danger to drinking water if even extremely small quantities leak into the ground.

**· Results of PBT and vPvB assessment**

· **PBT:** Not applicable.

· **vPvB:** Not applicable.

· **Other adverse effects** No further relevant information available.

**13 Disposal considerations**
**· Waste treatment methods**
**· Recommendation:**

Must not be disposed of together with household garbage. Do not allow product to reach sewage system.

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- **Uncleaned packagings:**
- **Recommendation:** Disposal must be made according to official regulations.

## 14 Transport information

- **UN-Number**
- **DOT, ADR, IMDG, IATA** UN1263
- **UN proper shipping name**
- **DOT** Paint
- **ADR** 1263 Paint, special provision 640D
- **IMDG, IATA** PAINT

- **Transport hazard class(es)**
- **DOT**



- **Class** 3 Flammable liquids
- **Label** 3

- **ADR, IMDG, IATA**



- **Class** 3 Flammable liquids
- **Label** 3

- **Packing group**
- **DOT, ADR, IMDG, IATA** II

- **Environmental hazards:**
- **Marine pollutant:** No

- **Special precautions for user** Warning: Flammable liquids
- **EMS Number:** F-E, S-E
- **Stowage Category** B

- **Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code** Not applicable.

- **Transport/Additional information:**

- **DOT**
- **Quantity limitations** On passenger aircraft/rail: 5 L  
On cargo aircraft only: 60 L

- **ADR**
- **Excepted quantities (EQ)** Code: E2  
Maximum net quantity per inner packaging: 30 ml  
Maximum net quantity per outer packaging: 500 ml

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- **IMDG**
- **Limited quantities (LQ)** 5L
- **Excepted quantities (EQ)** Code: E2  
Maximum net quantity per inner packaging: 30 ml  
Maximum net quantity per outer packaging: 500 ml
- **UN "Model Regulation":** UN 1263 PAINT, SPECIAL PROVISION 640D, 3, II

## 15 Regulatory information

- Safety, health and environmental regulations/legislation specific for the substance or mixture
- Sara

### · Section 355 (extremely hazardous substances):

None of the ingredient is listed.

### · Section 313 (Specific toxic chemical listings):

108-88-3	toluene
1330-20-7	xylene
14807-96-6	Talc
100-41-4	ethylbenzene
	Acrylic Resin
122-99-6	2-Phenoxyethanol
	COBALT CARBOXYLATE
111-76-2	2-butoxyethanol
104-68-7	Diethylene glycol monophenyl ether

### · TSCA (Toxic Substances Control Act):

108-88-3	toluene
1330-20-7	xylene
67-64-1	acetone
14808-60-7	Quartz (SiO <sub>2</sub> )
13463-67-7	titanium dioxide
123-86-4	n-butyl acetate
14807-96-6	Talc
100-41-4	ethylbenzene
143860-04-2	3-ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazolidine
67762-90-7	FUMED SILICA
6915-15-7	malic acid
8052-41-3	Stoddard solvent
96-29-7	2-butanone oxime
64742-89-8	Solvent naphtha (petroleum), light aliph.
1333-86-4	Carbon black
15956-58-8	Manganese 2-Ethylhexanoate
122-99-6	2-Phenoxyethanol

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110-12-3	5-methylhexan-2-one
110-73-6	2-ethylaminoethanol
111-76-2	2-butoxyethanol
149-57-5	2-ethylhexanoic acid
57-55-6	Methyl glycol
78-83-1	butanol
104-68-7	Diethylene glycol monophenyl ether
21645-51-2	aluminium hydroxide
7631-86-9	silicon dioxide, chemically prepared

· **Proposition 65**· **Chemicals known to cause cancer:**

1330-20-7	xylene
14808-60-7	Quartz (SiO <sub>2</sub> )
13463-67-7	titanium dioxide
100-41-4	ethylbenzene
1333-86-4	Carbon black

· **Chemicals known to cause reproductive toxicity for females:**

None of the ingredients is listed.

· **Chemicals known to cause reproductive toxicity for males:**

None of the ingredients is listed.

· **Chemicals known to cause developmental toxicity:**

108-88-3	toluene
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· **Cancerogenity categories**· **EPA (Environmental Protection Agency)**

108-88-3	toluene	II
1330-20-7	xylene	I
67-64-1	acetone	I
100-41-4	ethylbenzene	D
111-76-2	2-butoxyethanol	NL

· **TLV (Threshold Limit Value established by ACGIH)**

108-88-3	toluene	A4
1330-20-7	xylene	A4
67-64-1	acetone	A4
14808-60-7	Quartz (SiO <sub>2</sub> )	A2
13463-67-7	titanium dioxide	A4
14807-96-6	Talc	A4
100-41-4	ethylbenzene	A3
1333-86-4	Carbon black	A4
111-76-2	2-butoxyethanol	A3

· **NIOSH-Ca (National Institute for Occupational Safety and Health)**

14808-60-7	Quartz (SiO <sub>2</sub> )
13463-67-7	titanium dioxide

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1333-86-4 Carbon black

- **GHS label elements** The product is classified and labeled according to the Globally Harmonized System (GHS).
- **Hazard pictograms**



GHS02 GHS07 GHS08

- **Signal word** *Danger*
- **Hazard-determining components of labeling:**

*toluene*
*Quartz (SiO<sub>2</sub>)*
*Stoddard solvent*
*acetone*

- **Hazard statements**

*H225 Highly flammable liquid and vapor.*
*H315 Causes skin irritation.*
*H319 Causes serious eye irritation.*
*H340 May cause genetic defects.*
*H350 May cause cancer.*
*H360 May damage fertility or the unborn child.*
*H371 May cause damage to organs.*
*H336 May cause drowsiness or dizziness.*
*H373 May cause damage to organs through prolonged or repeated exposure.*

- **Precautionary statements**

*P210 Keep away from heat/sparks/open flames/hot surfaces. No smoking.*
*P241 Use explosion-proof electrical/ventilating/lighting/equipment.*
*P260 Do not breathe dust/fume/gas/mist/vapors/spray.*
*P280 Wear protective gloves/protective clothing/eye protection/face protection.*
*P240 Ground/bond container and receiving equipment.*
*P233 Keep container tightly closed.*
*P242 Use only non-sparking tools.*
*P243 Take precautionary measures against static discharge.*
*P264 Wash thoroughly after handling.*
*P270 Do not eat, drink or smoke when using this product.*
*P201 Obtain special instructions before use.*
*P202 Do not handle until all safety precautions have been read and understood.*
*P303+P361+P353 If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.*
*P305+P351+P338 If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.*
*P321 Specific treatment (see on this label).*
*P308+P313 IF exposed or concerned: Get medical advice/attention.*
*P332+P313 If skin irritation occurs: Get medical advice/attention.*
*P337+P313 If eye irritation persists: Get medical advice/attention.*
*P314 Get medical advice/attention if you feel unwell.*
*P370+P378 In case of fire: Use for extinction: CO<sub>2</sub>, powder or water spray.*
*P362+P364 Take off contaminated clothing and wash it before reuse.*
*P405 Store locked up.*

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USA

Printing date 04/11/2017

Reviewed on 04/11/2017

**Trade name: Eastwood EW13032ZP Self Etch Weld-Thru**

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P403+P235 Store in a well-ventilated place. Keep cool.  
P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

· **National regulations:**

· **Additional classification according to Decree on Hazardous Materials:**

Carcinogenic hazardous material group III (dangerous).

· **Information about limitation of use:**

Workers are not allowed to be exposed to the hazardous carcinogenic materials contained in this preparation.  
Exceptions can be made by the authorities in certain cases.

· **Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

## 16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

· **Department issuing SDS:** Environment protection department.

· **Date of preparation / last revision** 04/11/2017 / 4

· **Abbreviations and acronyms:**

RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)

ICAO: International Civil Aviation Organisation

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

DOT: US Department of Transportation

IATA: International Air Transport Association

ACGIH: American Conference of Governmental Industrial Hygienists

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

NFPA: National Fire Protection Association (USA)

HMIS: Hazardous Materials Identification System (USA)

VOC: Volatile Organic Compounds (USA, EU)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

NIOSH: National Institute for Occupational Safety

OSHA: Occupational Safety & Health

TLV: Threshold Limit Value

PEL: Permissible Exposure Limit

REL: Recommended Exposure Limit

BEI: Biological Exposure Limit

Flam. Liq. 2: Flammable liquids – Category 2

Skin Irrit. 2: Skin corrosion/irritation – Category 2

Eye Irrit. 2A: Serious eye damage/eye irritation – Category 2A

Muta. 1B: Germ cell mutagenicity – Category 1B

Carc. 1A: Carcinogenicity – Category 1A

Repr. 1: Reproductive toxicity – Category 1

STOT SE 2: Specific target organ toxicity (single exposure) – Category 2

STOT RE 2: Specific target organ toxicity (repeated exposure) – Category 2

· **\* Data compared to the previous version altered.**