

Printing date 03/14/2018 Reviewed on 06/28/2017

1 Identification

- · Product identifier
- · Trade name: 43210 Flexible Plastic Repair
- · Article number: 43210
- · Application of the substance / the mixture Adhesives
- · Details of the supplier of the safety data sheet
- · Manufacturer/Supplier:

SEM Products Inc.

1685 Overview Drive

Rock Hill, SC 29730

803 207 8225

· Information department:

cust\_care@semproducts.com : SEM Products,Inc. 1685 Overview Dr. Rock Hill, SC 29730 : phone 1-800-831-1122, M - TH 7am - 4pm EDT

· Emergency telephone number: CHEMTREC 1-800-424-9300

### 2 Hazard(s) identification

· Classification of the substance or mixture



GHS07

Acute Tox. 4 H302 Harmful if swallowed.

Skin Irrit. 2 H315 Causes skin irritation.

Eye Irrit. 2A H319 Causes serious eye irritation.

Skin Sens. 1 H317 May cause an allergic skin reaction.

STOT SE 3 H335 May cause respiratory irritation.

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



GHS07

- · Signal word Warning
- · Hazard-determining components of labeling:

bisphenolA(chloro)oxirane polymer

Talc

2,4,6-tris(dimethylaminomethyl)phenol

[3-(2,3-epoxypropoxy)propyl]trimethoxysilane

ELASTOMER MODIFIED DIGLYCIDAL ETHER

CYCLOHEXANEDIMETHANOL DIGLYCIDAL ETHER

· Hazard statements

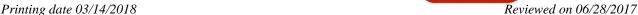
H302 Harmful if swallowed.

H315 Causes skin irritation.

H319 Causes serious eye irritation.

H317 May cause an allergic skin reaction.

(Contd. on page 2)



Trade name: 43210 Flexible Plastic Repair

(Contd. of page 1)

H335 May cause respiratory irritation.

#### · Precautionary statements

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

P264 Wash thoroughly after handling.

P270 Do not eat, drink or smoke when using this product. P271 Use only outdoors or in a well-ventilated area.

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

P280 Wear protective gloves / eye protection / face protection. P301+P312 If swallowed: Call a poison center/doctor if you feel unwell.

P330 Rinse mouth.

P302+P352 If on skin: Wash with plenty of water.

P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P305+P351+P338 If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present

and easy to do. Continue rinsing.

P362+P364 Take off contaminated clothing and wash it before reuse. P333+P313 If skin irritation or rash occurs: Get medical advice/attention.

Specific treatment (see on this label). P321

P337+P313 If eye irritation persists: Get medical advice/attention.

P363 Wash contaminated clothing before reuse.

P403+P233 Store in a well-ventilated place. Keep container tightly closed.

P405 Store locked up.

P501 Dispose of contents/container in accordance with local/regional/national/international

regulations.

· Classification system:

· NFPA ratings (scale 0 - 4)



Health = 2Fire = 1Reactivity = 0

· 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 c	omponents:	
	Talc	30-40%
25068-38-6	bisphenolA(chloro)oxirane polymer	13-30%
65997-17-3	Glass	5-7%

(Contd. on page 3)



Printing date 03/14/2018 Reviewed on 06/28/2017

Trade name: 43210 Flexible Plastic Repair

	(C	ontd. of page 2)
26142-30-3	Epoxy Resin	5-7%
90-72-2	2,4,6-tris(dimethylaminomethyl)phenol	≥1.5-<5%
163440-98-0	ELASTOMER MODIFIED DIGLYCIDAL ETHER	1-1.5%
14228-73-0	CYCLOHEXANEDIMETHANOL DIGLYCIDAL ETHER	≥0.1-<1%

### 4 First-aid measures

- · Description of first aid measures
- · General information:

Symptoms of poisoning may even occur after several hours; therefore medical observation for at least 48 hours after the accident.

· After inhalation:

Supply fresh air and to be sure call for a doctor.

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: Immediately call a doctor.
- · Information for doctor:
- · Most important symptoms and effects, both acute and delayed No further relevant information available.
- · Indication of any immediate medical attention and special treatment needed

No further relevant information available.

### 5 Fire-fighting measures

- · Extinguishing media
- · Suitable extinguishing agents: Use fire fighting measures that suit the environment.
- · 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 Not required.
- · 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).

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-1:	
25068-38-6 bisphenolA(chloro)oxirane polymer	90 mg/m³
65997-17-3 Glass	15 mg/m³
90-72-2 2,4,6-tris(dimethylaminomethyl)phenol	$6.5 \text{ mg/m}^3$
<u> </u>	(Contd. on page 4

SEM

Printing date 03/14/2018 Reviewed on 06/28/2017

Trade name: 43210 Flexible Plastic Repair

13463-67-7 titanium dioxide	(Contd. of page 30 mg/m <sup>3</sup>
919-30-2 3-aminopropyltriethoxysilane	$\frac{30 \text{ mg/m}^3}{1.9 \text{ mg/m}^3}$
2530-83-8 [3-(2,3-epoxypropoxy)propyl]trimethoxysilane	$9.3 \text{ mg/m}^3$
57-11-4 stearic acid, pure	$\frac{3.3 \text{ mg/m}^3}{14 \text{ mg/m}^3}$
67762-90-7 FUMED SILICA	$\frac{14 \text{ mg/m}}{120 \text{ mg/m}^3}$
280-57-9 triethylenediamine	$5.1 \text{ mg/m}^3$
107-21-1 ethanediol	30 ppm
1333-86-4 Carbon black	9 mg/m <sup>3</sup>
14808-60-7 Quartz (SiO2)	0.075 mg/m
64-17-5 ethanol	ū
67-56-1 methanol	1,800 ppm
	530 ppm
PAC-2:	
25068-38-6 bisphenolA(chloro)oxirane polymer	$990 \text{ mg/m}^3$
65997-17-3 Glass	$170 \text{ mg/m}^3$
90-72-2 2,4,6-tris(dimethylaminomethyl)phenol	72 mg/m³
13463-67-7 titanium dioxide	$330 \text{ mg/m}^3$
919-30-2 3-aminopropyltriethoxysilane	$21 \text{ mg/m}^3$
2530-83-8 [3-(2,3-epoxypropoxy)propyl]trimethoxysilane	$100 \ mg/m^3$
57-11-4 stearic acid, pure	$150 \ mg/m^3$
67762-90-7 FUMED SILICA	1,300 mg/n
280-57-9 triethylenediamine	56 mg/m³
107-21-1 ethanediol	150 ppm
1333-86-4 Carbon black	99 mg/m³
14808-60-7 Quartz (SiO2)	33 mg/m <sup>3</sup>
64-17-5 ethanol	3300* ppm
67-56-1 methanol	2,100 ppm
PAC-3:	-
25068-38-6 bisphenolA(chloro)oxirane polymer	5,900 mg/m
65997-17-3 Glass	990 mg/m³
90-72-2 2,4,6-tris(dimethylaminomethyl)phenol	$430 \text{ mg/m}^3$
13463-67-7 titanium dioxide	2,000 mg/m
919-30-2 3-aminopropyltriethoxysilane	$350 \text{ mg/m}^3$
2530-83-8 [3-(2,3-epoxypropoxy)propyl]trimethoxysilane	$230 \text{ mg/m}^3$
57-11-4 stearic acid, pure	$910 \text{ mg/m}^3$
67762-90-7 FUMED SILICA	7,900 mg/m
280-57-9 triethylenediamine	340 mg/m³
107-21-1 ethanediol	900 ppm
1333-86-4 Carbon black	$590 \text{ mg/m}^3$
14808-60-7 Quartz (SiO2)	$200 \text{ mg/m}^3$
64-17-5 ethanol	15000* ppr

SEM

Printing date 03/14/2018 Reviewed on 06/28/2017

Trade name: 43210 Flexible Plastic Repair

 67-56-1
 methanol
 (Contd. of page 4)

 7200\* ppm
 7200 ppm

7 Handling and storage

- · Handling:
- · Precautions for safe handling No special measures required.
- · Information about protection against explosions and fires: No special measures required.
- · Conditions for safe storage, including any incompatibilities
- · Storage:
- Requirements to be met by storerooms and receptacles: No special requirements.
- · Information about storage in one common storage facility: Not required.
- · Further information about storage conditions: Keep receptacle tightly sealed.
- · 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 product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

- · 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.

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.

· 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 trough time has to be found out by the manufacturer of the protective gloves and has to be observed.

(Contd. on page 6)

SEM

Printing date 03/14/2018 Reviewed on 06/28/2017

Trade name: 43210 Flexible Plastic Repair

· Eye protection:

Tightly sealed goggles

(Contd. of page 5)

Physical and chemical proper	rties
· Information on basic physical and	chemical properties
· General Information	• •
· Appearance:	
Form:	Liquid
Color:	According to product specification
· Odor:	Characteristic
· Odor threshold:	Not determined.
· pH-value:	Not determined.
· Change in condition	
Melting point/Melting range:	Undetermined.
Boiling point/Boiling range:	201 °C
· Flash point:	257 °C
· Flammability (solid, gaseous):	Not applicable.
· Decomposition temperature:	Not determined.
· Auto igniting:	Product is not selfigniting.
· Danger of explosion:	Product does not present an explosion hazard. In use, may form flammable/explosive vapour-air mixture.
· Explosion limits:	
Lower:	Not determined.
Upper:	Not determined.
· Vapor pressure:	Not determined.
· Density at 20 °C:	1.59733 g/cm³
· Relative density	Not determined.
· Vapor density	Not determined.
· Evaporation rate	Not determined.
· Solubility in / Miscibility with	
Water:	Not miscible or difficult to mix.
· Partition coefficient (n-octanol/wat	t <b>er):</b> Not determined.
· Viscosity:	
Dynamic:	Not determined.
Kinematic:	Not determined.
· Solvent content:	
Organic solvents:	0.0 %
Water:	0.0 %
VOC content:	0.00 %

(Contd. on page 7)



Printing date 03/14/2018 Reviewed on 06/28/2017

Trade name: 43210 Flexible Plastic Repair

(Contd. of page 6)

Solids content: 99.9 %

· Other information 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:
- · Primary irritant effect:
- · on the skin: Irritant to skin and mucous membranes.
- · on the eye: Irritating effect.
- · Sensitization: Sensitization possible through skin contact.
- · Additional toxicological information:

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

Irritant

· Carcinogenic categories

· IARC (Inter	national Agency for Research on Cancer)	
	Talc	3
13463-67-7	titanium dioxide	2B
1333-86-4	Carbon black	2B
14808-60-7	Quartz (SiO2)	1
64-17-5	ethanol	1
· NTP (Natio	nal Toxicology Program)	

K 14808-60-7 Quartz (SiO2)

· 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.

(Contd. on page 8)

SEM

Printing date 03/14/2018 Reviewed on 06/28/2017

Trade name: 43210 Flexible Plastic Repair

(Contd. of page 7)

- · Additional ecological information:
- · General notes:

Water hazard class 2 (Self-assessment): hazardous for water

Do not allow product to reach ground water, water course or sewage system.

Danger to drinking water if even 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.

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

Transport information		
· UN-Number · DOT, ADR, ADN, IMDG, IATA	Void	
· UN proper shipping name · DOT, ADR, ADN, IMDG, IATA	Void	
· Transport hazard class(es)		
· DOT, ADR, ADN, IMDG, IATA · Class	Void	
· Packing group · DOT, ADR, IMDG, IATA	Void	
· Environmental hazards: · Marine pollutant:	No	
Special precautions for user	Not applicable.	
Transport in bulk according to Annex MARPOL73/78 and the IBC Code	II of Not applicable.	
· Transport/Additional information:		
· DOT		
· Remarks	NOT REGULATED	
· UN "Model Regulation":	Void	

USA ·

(Contd. on page 9)

SEM

Printing date 03/14/2018 Reviewed on 06/28/2017

Trade name: 43210 Flexible Plastic Repair

(Contd. of page 8)

Section 355 (extremely hazardous substances):  None of the ingredient is listed.  Section 313 (Specific toxic chemical listings):  Tale  163440-98-0 ELASTOMER MODIFIED DIGLYCIDAL ETHER  107-21-1 ethanediol  67-56-1 methanol  TSCA (Toxic Substances Control Act):  Tale  25068-38-6 bisphenolA(chloro)oxirane polymer  1317-65-3 GROUND CALCIUM CARBONATE  65997-17-3 Glass  26142-30-3 Epoxy Resin  90-72-2 24.6-tris(dimethylaminomethyl)phenol  13463-67-7 titanium dioxide  163440-98-0 ELASTOMER MODIFIED DIGLYCIDAL ETHER  18268-70-7 Tetraethylene Glycol Di 2-ethylhexoate  14228-73-0 CYCLOHEXANEDIMETHANOL DIGLYCIDAL ETHER  919-30-2 3-aminopropyltriethoxysilane  2530-83-8   3-(2,3-epoxypropoxy)propyl[trimethoxysilane  57-11-4 stearic acid, pure  67762-90-7 FUMED SILICA  280-57-9 triethylenediamine  107-21-1 ethanediol  1333-86-4 Carbon black  14808-60-7 Quart (SiO2)  64-17-5 ethanol  67-36-1 methanol  7732-18-5 water  TSCA new (21st Century Act) (Substances not listed)  Tale  26142-30-3 Epoxy Resin  163440-98-0 ELASTOMER MODIFIED DIGLYCIDAL ETHER  Proposition 65  Chemicals known to cause cancer:  25068-38-6 bisphenolA(chloro)oxirane polymer  13463-67-7 titanium dioxide	Safety, healti Sara	h and environmental regulations/legislation specific for the substance or mixture
Section 313 (Specific toxic chemical listings):   Talc	Section 355 (	extremely hazardous substances):
Talc     163440-98-0   ELASTOMER MODIFIED DIGLYCIDAL ETHER     107-21-1   ethanediol     67-56-1   methanol     TSCA (Toxic Substances Control Act):     Talc     25068-38-6   bisphenola(chloro)oxirane polymer     1317-65-3   GROUND CALCIUM CARBONATE     65997-17-3   Glass     26142-30-3   Epoxy Resin     90-72-2   2,46-tris(dimethylaminomethyl)phenol     13463-67-7   titanium dioxide     163440-98-0   ELASTOMER MODIFIED DIGLYCIDAL ETHER     18268-70-7   Tetraethylene Glycol Di 2-ethylhexoate     14228-73-0   CYCLOHEXANEDIMETHANOL DIGLYCIDAL ETHER     193-02   3-aminopropyltriethoxysilane     2530-83-8   3-(2,3-epoxypropoxy)propyl]trimethoxysilane     57-11-4   stearic acid, pure     67762-90-7   FUMED SILICA     280-57-9   triethylenediamine     107-21-1   ethanediol     1333-86-4   Carbon black     14808-60-7   Quartz (SiO2)     64-17-5   ethanol     67-56-1   methanol     7732-18-5   water     TSCA new (21st Century Act) (Substances not listed)     Talc     26142-30-3   Epoxy Resin     163440-98-0   ELASTOMER MODIFIED DIGLYCIDAL ETHER     Proposition 65     Chemicals known to cause cancer:     25068-38-6   bisphenola(chloro)oxirane polymer	None of the i	ngredient is listed.
163440-98-0   ELASTOMER MODIFIED DIGLYCIDAL ETHER   107-21-1   ethanediol   67-56-1   methanol	Section 313 (	Specific toxic chemical listings):
107-21-1   ethanediol		Talc
TSCA (Toxic Substances Control Act):   Talc     25068-38-6   bisphenolA(chloro)oxirane polymer     1317-65-3   GROUND CALCIUM CARBONATE     65997-17-3   Glass     26142-30-3   Epoxy Resin     90-72-2   2,4-6-tris(dimethylaminomethyl)phenol     13463-67-7   titanium dioxide     163440-98-0   ELASTOMER MODIFIED DIGLYCIDAL ETHER     18208-70-7   Tetraethylene Glycol Di 2-ethylhexoate     14228-73-0   CYCLOHEXANEDIMETHANOL DIGLYCIDAL ETHER     919-30-2   3-aminopropyltriethoxysilane     5530-83-8   [3-(2,3-epoxypropoxy)propyl]trimethoxysilane     57-11-4   stearic acid, pure     67762-90-7   FUMED SILICA     280-57-9   triethylenediamine     107-21-1   ethanediol     1333-86-4   Carbon black     14808-60-7   Quartz (SiO2)     64-17-5   ethanol     67-56-1   methanol     7732-18-5   water     Talc     26142-30-3   Epoxy Resin     163440-98-0   ELASTOMER MODIFIED DIGLYCIDAL ETHER     Proposition 65     Chemicals known to cause cancer:     25068-38-6   bisphenolA(chloro)oxirane polymer	163440-98-0	ELASTOMER MODIFIED DIGLYCIDAL ETHER
Talc    Talc     25068-38-6   bisphenolA(chloro)oxirane polymer     1317-65-3   GROUND CALCIUM CARBONATE     65997-17-3   Glass     26142-30-3   Epoxy Resin     90-72-2   2,4,6-tris(dimethylaminomethyl)phenol     13463-67-7   titanium dioxide     163440-98-0   ELASTOMER MODIFIED DIGLYCIDAL ETHER     18268-70-7   Tetraethylene Glycol Di 2-ethylhexoate     14228-73-0   CYCLOHEXANEDIMETHANOL DIGLYCIDAL ETHER     919-30-2   3-aminopropyltriethoxysilane     5530-83-8   [3-(2,3-epoxypropoxy)propyl]trimethoxysilane     57-11-4   stearic acid, pure     67762-90-7   FUMED SILICA     280-57-9   triethylenediamine     107-21-1   ethanediol     1333-86-4   Carbon black     14808-60-7   Quartz (SiO2)     64-17-5   ethanol     67-56-1   methanol     7732-18-5   water     Talc     26142-30-3   Epoxy Resin     163440-98-0   ELASTOMER MODIFIED DIGLYCIDAL ETHER     Proposition 65     Chemicals known to cause cancer:     25068-38-6   bisphenolA(chloro)oxirane polymer	107-21-1	ethanediol
Talc  25068-38-6 bisphenolA(chloro)oxirane polymer  1317-65-3 GROUND CALCIUM CARBONATE  65997-17-3 Glass  26142-30-3 Epoxy Resin  90-72-2 2,4,6-tris(dimethylaminomethyl)phenol  13463-67-7 titanium dioxide  163440-98-0 ELASTOMER MODIFIED DIGLYCIDAL ETHER  18268-70-7 Tetraethylene Glycol Di 2-ethylhexoate  14228-73-0 CYCLOHEXANEDIMETHANOL DIGLYCIDAL ETHER  919-30-2 3-aminopropyltriethoxysilane  2530-83-8 [3-(2,3-epoxypropoxy)propyl]trimethoxysilane  57-11-4 stearic acid, pure  67762-90-7 FUMED SILICA  280-57-9 riethylenediamine  107-21-1 ethanediol  1333-86-4 Carbon black  14808-60-7 Quartz (SiO2)  64-17-5 ethanol  67-56-1 methanol  7732-18-5 water  TSCA new (21st Century Act) (Substances not listed)  Talc  26142-30-3 Epoxy Resin  163440-98-0 ELASTOMER MODIFIED DIGLYCIDAL ETHER  Proposition 65  Chemicals known to cause cancer:  25068-38-6 bisphenolA(chloro)oxirane polymer	67-56-1	methanol
25068-38-6   bisphenolA(chloro)oxirane polymer   1317-65-3   GROUND CALCIUM CARBONATE   65997-17-3   Glass   26142-30-3   Epoxy Resin   90-72-2   2,4,6-tris(dimethylaminomethyl)phenol   13463-67-7   titanium dioxide   163440-98-0   ELASTOMER MODIFIED DIGLYCIDAL ETHER   18268-70-7   Tetraethylene Glycol Di 2-ethylhexoate   14228-73-0   CYCLOHEXANEDIMETHANOL DIGLYCIDAL ETHER   919-30-2   3-aminopropyltriethoxysilane   57-11-4   stearic acid, pure   67762-90-7   FUMED SILICA   280-57-9   triethylenediamine   107-21-1   ethanediol   1333-86-4   Carbon black   14808-60-7   Quartz (SiO2)   64-17-5   ethanol   7732-18-5   water   TSCA new (2 Ist Century Act) (Substances not listed)   Talc   26142-30-3   Epoxy Resin   163440-98-0   ELASTOMER MODIFIED DIGLYCIDAL ETHER   Proposition 65   Chemicals known to cause cancer:   25068-38-6   bisphenolA(chloro)oxirane polymer	TSCA (Toxic	Substances Control Act):
1317-65-3   GROUND CALCIUM CARBONATE     65997-17-3   Glass     26142-30-3   Epoxy Resin     90-72-2   2,4,6-tris(dimethylaminomethyl)phenol     13463-67-7   titanium dioxide     163440-98-0   ELASTOMER MODIFIED DIGLYCIDAL ETHER     18268-70-7   Tetraethylene Glycol Di 2-ethylhexoate     14228-73-0   CYCLOHEXANEDIMETHANOL DIGLYCIDAL ETHER     919-30-2   3-aminopropyltriethoxysilane     2530-83-8   [3-(2,3-epoxypropoxy)propyl]trimethoxysilane     57-11-4   stearic acid, pure     67762-90-7   FUMED SILICA     280-57-9   triethylenediamine     107-21-1   ethanediol     1333-86-4   Carbon black     14808-60-7   Quartz (SiO2)     64-17-5   ethanol     67-56-1   methanol     7732-18-5   water     Talc     26142-30-3   Epoxy Resin     163440-98-0   ELASTOMER MODIFIED DIGLYCIDAL ETHER     Proposition 65     Chemicals known to cause cancer:     25068-38-6   bisphenolA(chloro)oxirane polymer		Talc
26142-30-3   Epoxy Resin   90-72-2   2,4,6-tris(dimethylaminomethyl)phenol   13463-67-7   titanium dioxide   163440-98-0   ELASTOMER MODIFIED DIGLYCIDAL ETHER   18268-70-7   Tetraethylene Glycol Di 2-ethylhexoate   14228-73-0   CYCLOHEXANEDIMETHANOL DIGLYCIDAL ETHER   919-30-2   3-aminopropyltriethoxysilane   2530-83-8   [3-(2,3-epoxypropoxy)propyl]trimethoxysilane   57-11-4   stearic acid, pure   67762-90-7   FUMED SILICA   280-57-9   triethylenediamine   107-21-1   ethanediol   1333-86-4   Carbon black   14808-60-7   Quartz (SiO2)   64-17-5   ethanol   67-56-1   methanol   7732-18-5   water   Talc   26142-30-3   Epoxy Resin   163440-98-0   ELASTOMER MODIFIED DIGLYCIDAL ETHER   Proposition 65   Chemicals known to cause cancer:   25068-38-6   bisphenolA(chloro)oxirane polymer   190-14-15   100-14-	25068-38-6	bisphenolA(chloro)oxirane polymer
26142-30-3 Epoxy Resin 90-72-2 2,4,6-tris(dimethylaminomethyl)phenol 13463-67-7 titanium dioxide 163440-98-0 ELASTOMER MODIFIED DIGLYCIDAL ETHER 18268-70-7 Tetraethylene Glycol Di 2-ethylhexoate 14228-73-0 CYCLOHEXANEDIMETHANOL DIGLYCIDAL ETHER 919-30-2 3-aminopropyltriethoxysilane 2530-83-8 [3-(2,3-epoxypropoxy)propyl]trimethoxysilane 57-11-4 stearic acid, pure 67762-90-7 FUMED SILICA 280-57-9 triethylenediamine 107-21-1 ethanediol 1333-86-4 Carbon black 14808-60-7 Quartz (SiO2) 64-17-5 ethanol 67-56-1 methanol 7732-18-5 water  TSCA new (21st Century Act) (Substances not listed) Talc 26142-30-3 Epoxy Resin 163440-98-0 ELASTOMER MODIFIED DIGLYCIDAL ETHER  Proposition 65 Chemicals known to cause cancer:	1317-65-3	GROUND CALCIUM CARBONATE
90-72-2 2,4,6-tris(dimethylaminomethyl)phenol  13463-67-7 titanium dioxide  163440-98-0 ELASTOMER MODIFIED DIGLYCIDAL ETHER  18268-70-7 Tetraethylene Glycol Di 2-ethylhexoate  14228-73-0 CYCLOHEXANEDIMETHANOL DIGLYCIDAL ETHER  919-30-2 3-aminopropyltriethoxysilane  2530-83-8 [3-(2,3-epoxypropoxy)propyl]trimethoxysilane  57-11-4 stearic acid, pure  67762-90-7 FUMED SILICA  280-57-9 triethylenediamine  107-21-1 ethanediol  1333-86-4 Carbon black  14808-60-7 Quartz (SiO2)  64-17-5 ethanol  67-56-1 methanol  7732-18-5 water  TSCA new (21st Century Act) (Substances not listed)  Talc  26142-30-3 Epoxy Resin  163440-98-0 ELASTOMER MODIFIED DIGLYCIDAL ETHER  Proposition 65  Chemicals known to cause cancer:  25068-38-6 bisphenolA(chloro)oxirane polymer	65997-17-3	Glass
13463-67-7   titanium dioxide     163440-98-0   ELASTOMER MODIFIED DIGLYCIDAL ETHER     18268-70-7   Tetraethylene Glycol Di 2-ethylhexoate     14228-73-0   CYCLOHEXANEDIMETHANOL DIGLYCIDAL ETHER     919-30-2   3-aminopropyltriethoxysilane     2530-83-8   [3-(2,3-epoxypropoxy)propyl]trimethoxysilane     57-11-4   stearic acid, pure     67762-90-7   FUMED SILICA     280-57-9   triethylenediamine     107-21-1   ethanediol     1333-86-4   Carbon black     14808-60-7   Quartz (SiO2)     64-17-5   ethanol     7732-18-5   water     TSCA new (21st Century Act) (Substances not listed)     Talc     26142-30-3   Epoxy Resin     163440-98-0   ELASTOMER MODIFIED DIGLYCIDAL ETHER     Proposition 65     Chemicals known to cause cancer:     25068-38-6   bisphenolA(chloro)oxirane polymer	26142-30-3	Epoxy Resin
163440-98-0 ELASTOMER MODIFIED DIGLYCIDAL ETHER  18268-70-7 Tetraethylene Glycol Di 2-ethylhexoate  14228-73-0 CYCLOHEXANEDIMETHANOL DIGLYCIDAL ETHER  919-30-2 3-aminopropyltriethoxysilane  2530-83-8 [3-(2,3-epoxypropoxy)propyl]trimethoxysilane  57-11-4 stearic acid, pure  67762-90-7 FUMED SILICA  280-57-9 triethylenediamine  107-21-1 ethanediol  1333-86-4 Carbon black  14808-60-7 Quartz (SiO2)  64-17-5 ethanol  67-56-1 methanol  7732-18-5 water  TSCA new (21st Century Act) (Substances not listed)  Talc  26142-30-3 Epoxy Resin  163440-98-0 ELASTOMER MODIFIED DIGLYCIDAL ETHER  Proposition 65  Chemicals known to cause cancer:  25068-38-6 bisphenolA(chloro)oxirane polymer	90-72-2	2,4,6-tris(dimethylaminomethyl)phenol
18268-70-7       Tetraethylene Glycol Di 2-ethylhexoate         14228-73-0       CYCLOHEXANEDIMETHANOL DIGLYCIDAL ETHER         919-30-2       3-aminopropyltriethoxysilane         2530-83-8       [3-(2,3-epoxypropoxy)propyl]trimethoxysilane         57-11-4       stearic acid, pure         67762-90-7       FUMED SILICA         280-57-9       triethylenediamine         107-21-1       ethanediol         1333-86-4       Carbon black         14808-60-7       Quartz (SiO2)         64-17-5       ethanol         67-56-1       methanol         7732-18-5       water         TSCA new (21st Century Act) (Substances not listed)         26142-30-3       Epoxy Resin         163440-98-0       ELASTOMER MODIFIED DIGLYCIDAL ETHER         Proposition 65         Chemicals known to cause cancer:         25068-38-6       bisphenolA(chloro)oxirane polymer		
14228-73-0       CYCLOHEXANEDIMETHANOL DIGLYCIDAL ETHER         919-30-2       3-aminopropyltriethoxysilane         2530-83-8       [3-(2,3-epoxypropoxy)propyl]trimethoxysilane         57-11-4       stearic acid, pure         67762-90-7       FUMED SILICA         280-57-9       triethylenediamine         107-21-1       ethanediol         1333-86-4       Carbon black         14808-60-7       Quartz (SiO2)         64-17-5       ethanol         67-56-1       methanol         7732-18-5       water         TSCA new (21st Century Act) (Substances not listed)         26142-30-3       Epoxy Resin         163440-98-0       ELASTOMER MODIFIED DIGLYCIDAL ETHER         Proposition 65         Chemicals known to cause cancer:         25068-38-6       bisphenolA(chloro)oxirane polymer		
919-30-2   3-aminopropyltriethoxysilane     2530-83-8   [3-(2,3-epoxypropoxy)propyl]trimethoxysilane     57-11-4   stearic acid, pure     67762-90-7   FUMED SILICA     280-57-9   triethylenediamine     107-21-1   ethanediol     1333-86-4   Carbon black     14808-60-7   Quartz (SiO2)     64-17-5   ethanol     67-56-1   methanol     7732-18-5   water     TSCA new (21st Century Act) (Substances not listed)     Talc     26142-30-3   Epoxy Resin     163440-98-0   ELASTOMER MODIFIED DIGLYCIDAL ETHER     Proposition 65     Chemicals known to cause cancer:     25068-38-6   bisphenolA(chloro)oxirane polymer		
2530-83-8 [3-(2,3-epoxypropoxy)propyl]trimethoxysilane 57-11-4 stearic acid, pure 67762-90-7 FUMED SILICA 280-57-9 triethylenediamine 107-21-1 ethanediol 1333-86-4 Carbon black 14808-60-7 Quartz (SiO2) 64-17-5 ethanol 7732-18-5 water  TSCA new (21st Century Act) (Substances not listed)  Talc 26142-30-3 Epoxy Resin 163440-98-0 ELASTOMER MODIFIED DIGLYCIDAL ETHER  Proposition 65  Chemicals known to cause cancer: 25068-38-6 bisphenolA(chloro)oxirane polymer		
57-11-4 stearic acid, pure 67762-90-7 FUMED SILICA 280-57-9 triethylenediamine 107-21-1 ethanediol 1333-86-4 Carbon black 14808-60-7 Quartz (SiO2) 64-17-5 ethanol 67-56-1 methanol 7732-18-5 water  TSCA new (21st Century Act) (Substances not listed)  Talc 26142-30-3 Epoxy Resin 163440-98-0 ELASTOMER MODIFIED DIGLYCIDAL ETHER Proposition 65  Chemicals known to cause cancer: 25068-38-6 bisphenolA(chloro)oxirane polymer		
67762-90-7       FUMED SILICA         280-57-9       triethylenediamine         107-21-1       ethanediol         1333-86-4       Carbon black         14808-60-7       Quartz (SiO2)         64-17-5       ethanol         67-56-1       methanol         7732-18-5       water         TSCA new (21st Century Act) (Substances not listed)         Talc       26142-30-3         Epoxy Resin         163440-98-0       ELASTOMER MODIFIED DIGLYCIDAL ETHER         Proposition 65         Chemicals known to cause cancer:         25068-38-6       bisphenolA(chloro)oxirane polymer		
280-57-9 triethylenediamine  107-21-1 ethanediol  1333-86-4 Carbon black  14808-60-7 Quartz (SiO2)  64-17-5 ethanol  67-56-1 methanol  7732-18-5 water  TSCA new (21st Century Act) (Substances not listed)  Talc  26142-30-3 Epoxy Resin  163440-98-0 ELASTOMER MODIFIED DIGLYCIDAL ETHER  Proposition 65  Chemicals known to cause cancer:  25068-38-6 bisphenolA(chloro)oxirane polymer		
107-21-1       ethanediol         1333-86-4       Carbon black         14808-60-7       Quartz (SiO2)         64-17-5       ethanol         67-56-1       methanol         7732-18-5       water         TSCA new (2Ist Century Act) (Substances not listed)         26142-30-3       Epoxy Resin         163440-98-0       ELASTOMER MODIFIED DIGLYCIDAL ETHER         Proposition 65         Chemicals known to cause cancer:         25068-38-6       bisphenolA(chloro)oxirane polymer		
1333-86-4       Carbon black         14808-60-7       Quartz (SiO2)         64-17-5       ethanol         67-56-1       methanol         7732-18-5       water         TSCA new (21st Century Act) (Substances not listed)         26142-30-3       Epoxy Resin         163440-98-0       ELASTOMER MODIFIED DIGLYCIDAL ETHER         Proposition 65         Chemicals known to cause cancer:         25068-38-6       bisphenolA(chloro)oxirane polymer		·
14808-60-7       Quartz (SiO2)         64-17-5       ethanol         67-56-1       methanol         TSCA new (21st Century Act) (Substances not listed)         Talc       26142-30-3         Epoxy Resin         163440-98-0       ELASTOMER MODIFIED DIGLYCIDAL ETHER         Proposition 65         Chemicals known to cause cancer:         25068-38-6       bisphenolA(chloro)oxirane polymer		
64-17-5 ethanol 67-56-1 methanol 7732-18-5 water  TSCA new (21st Century Act) (Substances not listed)  Talc 26142-30-3 Epoxy Resin 163440-98-0 ELASTOMER MODIFIED DIGLYCIDAL ETHER  Proposition 65  Chemicals known to cause cancer: 25068-38-6 bisphenolA(chloro)oxirane polymer		
67-56-1 methanol 7732-18-5 water  TSCA new (21st Century Act) (Substances not listed)  Talc  26142-30-3 Epoxy Resin 163440-98-0 ELASTOMER MODIFIED DIGLYCIDAL ETHER  Proposition 65  Chemicals known to cause cancer: 25068-38-6 bisphenolA(chloro)oxirane polymer		
7732-18-5 water  TSCA new (21st Century Act) (Substances not listed)  Talc  26142-30-3 Epoxy Resin  163440-98-0 ELASTOMER MODIFIED DIGLYCIDAL ETHER  Proposition 65  Chemicals known to cause cancer:  25068-38-6 bisphenolA(chloro)oxirane polymer		
TSCA new (21st Century Act) (Substances not listed)  Talc  26142-30-3 Epoxy Resin  163440-98-0 ELASTOMER MODIFIED DIGLYCIDAL ETHER  Proposition 65  Chemicals known to cause cancer:  25068-38-6 bisphenolA(chloro)oxirane polymer		
Talc  26142-30-3 Epoxy Resin  163440-98-0 ELASTOMER MODIFIED DIGLYCIDAL ETHER  Proposition 65  Chemicals known to cause cancer:  25068-38-6 bisphenolA(chloro)oxirane polymer		
26142-30-3 Epoxy Resin  163440-98-0 ELASTOMER MODIFIED DIGLYCIDAL ETHER  Proposition 65  Chemicals known to cause cancer:  25068-38-6 bisphenolA(chloro)oxirane polymer	TSCA new (2	• • • •
163440-98-0 ELASTOMER MODIFIED DIGLYCIDAL ETHER  Proposition 65  Chemicals known to cause cancer: 25068-38-6 bisphenolA(chloro)oxirane polymer	067.12	
Proposition 65 Chemicals known to cause cancer: 25068-38-6 bisphenolA(chloro)oxirane polymer		
Chemicals known to cause cancer: 25068-38-6   bisphenolA(chloro)oxirane polymer		
25068-38-6 bisphenolA(chloro)oxirane polymer	-	
	103440-98-0	ELASTOMER MODIFIED DIGLYCIDAL ETHER  (Contd. on page)



Printing date 03/14/2018 Reviewed on 06/28/2017

Trade name: 43210 Flexible Plastic Repair

(Contd. of page 9) 107-21-1 ethanediol 1333-86-4 Carbon black 14808-60-7 Quartz (SiO2) · 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: 107-21-1 ethanediol 64-17-5 ethanol 67-56-1 methanol · Cancerogenity categories · EPA (Environmental Protection Agency) None of the ingredients is listed. · TLV (Threshold Limit Value established by ACGIH) Talc A413463-67-7 titanium dioxide *A4* 107-21-1 ethanediol A41333-86-4 Carbon black *A4* 14808-60-7 Quartz (SiO2) A2*A3* 64-17-5 ethanol · NIOSH-Ca (National Institute for Occupational Safety and Health) 13463-67-7 titanium dioxide 1333-86-4 Carbon black 14808-60-7 Quartz (SiO2) 67-56-1 methanol

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



- · Signal word Warning
- · Hazard-determining components of labeling:

bisphenolA(chloro)oxirane polymer

Talc

2,4,6-tris(dimethylaminomethyl)phenol

 $[3\hbox{-}(2,3\hbox{-}epoxypropoxy)propyl] trime tho xysilane$ 

ELASTOMER MODIFIED DIGLYCIDAL ETHER

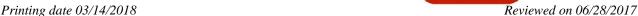
CYCLOHEXANEDIMETHANOL DIGLYCIDAL ETHER

· Hazard statements

H302 Harmful if swallowed.

H315 Causes skin irritation.

(Contd. on page 11)



Trade name: 43210 Flexible Plastic Repair

(Contd. of page 10)

H319 Causes serious eye irritation.

H317 May cause an allergic skin reaction.

H335 May cause respiratory irritation.

· Precautionary statements

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

*P264* Wash thoroughly after handling.

P270 Do not eat, drink or smoke when using this product.
P271 Use only outdoors or in a well-ventilated area.

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

P280 Wear protective gloves / eye protection / face protection.
P301+P312 If swallowed: Call a poison center/doctor if you feel unwell.

*P330* Rinse mouth.

*P302+P352 If on skin: Wash with plenty of water.* 

P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P305+P351+P338 If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present

and easy to do. Continue rinsing.

P362+P364 Take off contaminated clothing and wash it before reuse.
P333+P313 If skin irritation or rash occurs: Get medical advice/attention.

*P321* Specific treatment (see on this label).

*P337+P313 If eye irritation persists: Get medical advice/attention.* 

*P363* Wash contaminated clothing before reuse.

P403+P233 Store in a well-ventilated place. Keep container tightly closed.

P405 Store locked up.

P501 Dispose of contents/container in accordance with local/regional/national/international

regulations.

· 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.
- · Contact: Rita Joiner (rjoiner@semproducts.com)
- · Date of preparation / last revision 03/14/2018 / 7
- · 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)

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

(Contd. on page 12)

Printing date 03/14/2018 Reviewed on 06/28/2017

Trade name: 43210 Flexible Plastic Repair

(Contd. of page 11)

REL: Recommended Exposure Limit

Acute Tox. 4: Acute toxicity - Category 4

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

Skin Sens. 1: Skin sensitisation – Category 1

STOT SE 3: Specific target organ toxicity (single exposure) – Category 3

\* Data compared to the previous version altered.