

### **1** Identification

- · Product identifier
- · Trade name: 2940-Series Sprayable Seam Sealers
- · Article number: 29462, 29472, 29482, 29492
- *Relevant identified uses of the substance or mixture and uses advised against No further relevant information available.*
- · Application of the substance / the mixture Sealant

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



GHS08 Health hazard

Carc. 2 H351 Suspected of causing cancer.



Skin Irrit. 2H315Causes skin irritation.Eye Irrit. 2AH319Causes serious eye irritation.STOT SE 3H335May cause respiratory irritation.

· Label elements

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

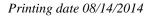


· Signal word Warning

Hazard-determining components of labeling: titanium dioxide
Hazard statements
H315 Causes skin irritation.
H319 Causes serious eye irritation.
H351 Suspected of causing cancer.
H335 May cause respiratory irritation.

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P261	ary statements
	Avoid breathing dust/fume/gas/mist/vapours/spray.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P305+P351	+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses,
P321	present and easy to do. Continue rinsing. Specific treatment (see on this label).
P405	Store locked up.
P501	Dispose of contents/container in accordance with local/regional/national/international regulations.
· Classificatio	
	gs (scale 0 - 4)
	Health = 1
	Fire = 1
	Reactivity = 0
· HMIS-ratin	gs (scale 0 - 4)
HEALTH	1 $Health = 1$
	1  Fire = 1
	$\Gamma II e = I$
	Reactivity = 0
REACTIVITY	O Reactivity = 0
REACTIVITY	$\mathbf{O}  \mathbf{Reactivity} = \mathbf{O}$
REACTIVITY	Reactivity = 0         rds         PBT and vPvB assessment
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REACTIVITY • Other hazar • Results of F • PBT: Not ap • vPvB: Not a B Composite	Reactivity = 0      rds      PBT and vPvB assessment      oplicable.      opplicable.
REACTIVITY · Other hazar · Results of F · PBT: Not ap · vPvB: Not a B Composition · Chemical cl	Reactivity = 0         rds         PBT and vPvB assessment         opplicable.         upplicable.         ion/information on ingredients         haracterization: Mixtures
REACTIVITY · Other hazar · Results of F · PBT: Not ap · vPvB: Not a B Compositut · Chemical cl · Description	Reactivity = 0   rds   PBT and vPvB assessment   opplicable.   applicable.      ton/information on ingredients   haracterization: Mixtures
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REACTIVITY · Other hazar · Results of F · PBT: Not ap · vPvB: Not a B Compositut · Chemical cl · Description	Reactivity = 0         rds         BT and vPvB assessment         opplicable.         opplicable.         ion/information on ingredients         baracterization: Mixtures         :         nsisting of the following components.
REACTIVITY • Other hazar • Results of F • PBT: Not ap • vPvB: Not a B Composition • Chemical cl • Description Mixture: con	Reactivity = 0 rds BT and vPvB assessment oplicable. ipplicable. ion/information on ingredients haracterization: Mixtures : nsisting of the following components. entages
REACTIVITY         • Other hazar         • Results of F         • PBT: Not ap         • vPvB: Not a         • Chemical cl         • Description         Mixture: col         Weight perco         • Dangerous	Reactivity = 0 rds BT and vPvB assessment oplicable. ipplicable. ion/information on ingredients haracterization: Mixtures : nsisting of the following components. entages
REACTIVITY         • Other hazar         • Results of F         • PBT: Not ap         • vPvB: Not a         • Chemical cl         • Description         Mixture: col         Weight perco         • Dangerous	Reactivity = 0   rds   PBT and vPvB assessment   oplicable.   opplicable.      ion/information on ingredients   haracterization: Mixtures insisting of the following components. entages components:

# 4 First-aid measures

· Description of first aid measures

- General information: Immediately remove any clothing soiled by the product.
- 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.
- 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:

CO2, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

- 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: 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.

### 7 Handling and storage

· Precautions for safe handling No special measures required.

- · Information about protection against explosions and fires: Protect against electrostatic charges.
- · 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:

#### 13463-67-7 titanium dioxide

PEL Long-term value: 15\* mg/m<sup>3</sup> \*total dust

- REL See Pocket Guide App. A
- TLV Long-term value: 10 mg/m<sup>3</sup>

withdrawn from NIC

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

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· 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.

• Eye protection:



Tightly sealed goggles

Information on basic physical and a General Information	chemical properties	
Appearance: Form:	Liquid	
Form: Color:	Liquid According to product specification	
Odor:	Characteristic	
Odour threshold:	Not determined.	
pH-value:	Not applicable.	
Change in condition		
Melting point/Melting range:	Undetermined.	
Boiling point/Boiling range:	2501 °C	
Flash point:	98 °C	
Flammability (solid, gaseous):	Not determined.	

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Ignition temperature:	270 °C
• 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 at 20 •C:	23 hPa
Density at 20 °C:	1.06 g/cm <sup>3</sup>
Relative density	Not determined.
· Vapour density	Not applicable.
• Evaporation rate	Not applicable.
Solubility in / Miscibility with	
Water:	Insoluble.
Partition coefficient (n-octanol/wo	ater): Not determined.
· Viscosity:	
Dynamic:	Not applicable.
Kinematic:	Not applicable.
Solvent content:	
Organic solvents:	0.0 %
VOC content:	g/l / 1.24 lb/gl
Solids content:	100.0 %
• Other information	No further relevant information available.

# **10 Stability and reactivity**

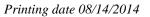
· Reactivity

- · Chemical stability
- Thermal decomposition / conditions to be avoided: No decomposition if used according to specifications.
- · Possibility of hazardous reactions No dangerous reactions known.
- $\cdot$  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: 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

#### · Carcinogenic categories

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

13463-67-7 titanium dioxide

1333-86-4 Carbon black

7631-86-9 silicon dioxide, chemically prepared

· NTP (National Toxicology Program)

None of the ingredients is listed.

### · 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.
- · Bioaccumulative potential No further relevant information available.
- · Mobility in soil No further relevant information available.
- · Additional ecological information:
- · General notes:
- Water hazard class 1 (Self-assessment): slightly hazardous for water

Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system. · 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.

· UN-Number		
· DOT, ADR, ADN, IMDG, IATA	Void	
· UN proper shipping name		
· DOT, ADR, ADN, IMDG, IATA	Void	

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2B

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3



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· 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 II of MARPOL73/78 and the IBC Code	Not applicable.
· UN ''Model Regulation'':	-

# **15 Regulatory information**

 $\cdot$  Safety, health and environmental regulations/legislation specific for the substance or mixture  $\cdot$  Sara

· Section 355	(extremely hazardous substances):
None of the	ingredient is listed.
· Section 313	(Specific toxic chemical listings):
None of the	ingredients is listed.
· TSCA (Toxi	c Substances Control Act):
1317-65-3	GROUND CALCIUM CARBONATE
13463-67-7	titanium dioxide
1333-86-4	Carbon black
7631-86-9	silicon dioxide, chemically prepared
21645-51-2	aluminium hydroxide
· Proposition	65
· Chemicals k	cnown to cause cancer:
13463-67-7	titanium dioxide

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:

None of the ingredients is listed.

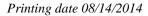
· Cancerogenity categories

· EPA (Environmental Protection Agency)

None of the ingredients is listed.

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		(Contd. of page 7
TLV (Thresho	old Limit Value established by ACGIH)	
13463-67-7 ti	itanium dioxide	A4
1333-86-4 (	Carbon black	A4
NIOSH-Ca (N	National Institute for Occupational Safety and Health)	· ·
13463-67-7 ti	itanium dioxide	
1333-86-4 (	Carbon black	
Hazard pictog	e <b>ments</b> The product is classified and labeled according to the Globally Harmo grams	nuzeu 5951em (6115).
GHS07 GI	HS08	
011007 01		
Signal word V	Warning	
Hazard-deter	mining components of labeling:	
titanium dioxi	mining components of labeling: ide	
Hazard-detern titanium dioxi Hazard staten	mining components of labeling: ide nents	
Hazard-detern titanium dioxi Hazard staten H315 Causes	mining components of labeling: ide nents skin irritation.	
Hazard-detern titanium dioxi Hazard staten H315 Causes H319 Causes	mining components of labeling: ide nents skin irritation. serious eye irritation.	
Hazard-detern titanium dioxi Hazard staten H315 Causes H319 Causes H351 Suspect	mining components of labeling: ide nents skin irritation. serious eye irritation. eed of causing cancer.	
Hazard-detern titanium dioxi Hazard staten H315 Causes H319 Causes H351 Suspect H335 May cau	mining components of labeling: ide nents skin irritation. serious eye irritation. eed of causing cancer. use respiratory irritation.	
Hazard-detern titanium dioxi Hazard staten H315 Causes H319 Causes H351 Suspect H335 May cau	mining components of labeling: ide nents skin irritation. serious eye irritation. eed of causing cancer. use respiratory irritation.	
Hazard-detern titanium dioxi Hazard staten H315 Causes H319 Causes H351 Suspect H335 May cau	mining components of labeling: ide nents skin irritation. serious eye irritation. eed of causing cancer. use respiratory irritation.	
Hazard-detern titanium dioxi Hazard staten H315 Causes H319 Causes H351 Suspect H335 May cau Precautionary	mining components of labeling: ide nents skin irritation. serious eye irritation. teed of causing cancer. use respiratory irritation. y statements	071.
Hazard-detern titanium dioxi Hazard statem H315 Causes H319 Causes H351 Suspect H335 May cau Precautionary P261 P280	mining components of labeling: ide nents skin irritation. serious eye irritation. red of causing cancer. use respiratory irritation. y statements Avoid breathing dust/fume/gas/mist/vapours/spray. Wear protective gloves/protective clothing/eye protection/face protection P338 IF IN EYES: Rinse cautiously with water for several minutes. Rem	
Hazard-detern titanium dioxi Hazard staten H315 Causes H319 Causes H351 Suspect H335 May cau Precautionary P261 P280	mining components of labeling: ide nents skin irritation. serious eye irritation. ed of causing cancer. use respiratory irritation. y statements Avoid breathing dust/fume/gas/mist/vapours/spray. Wear protective gloves/protective clothing/eye protection/face protection P338 IF IN EYES: Rinse cautiously with water for several minutes. Rem present and easy to do. Continue rinsing.	
Hazard-detern titanium dioxi Hazard staten H315 Causes H319 Causes H351 Suspect H335 May cau Precautionary P261 P280 P305+P351+	mining components of labeling: ide nents skin irritation. serious eye irritation. red of causing cancer. use respiratory irritation. y statements Avoid breathing dust/fume/gas/mist/vapours/spray. Wear protective gloves/protective clothing/eye protection/face protection P338 IF IN EYES: Rinse cautiously with water for several minutes. Rem	

## **16 Other information**

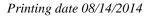
This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

· Department issuing SDS: Environment protection department.

- · Date of preparation / last revision 08/14/2014 / 1
- · 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 Organization
- 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

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<sup>·</sup> Contact: Steve Gaver



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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) Skin Irrit. 2: Skin corrosion/irritation, Hazard Category 2 Eye Irrit. 2A: Serious eye damage/eye irritation, Hazard Category 2A Carc. 2: Carcinogenicity, Hazard Category 2 STOT SE 3: Specific target organ toxicity - Single exposure, Hazard Category 3 • \* Data compared to the previous version altered.

USA