LA-CO Industries, Inc.

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations, Canada Hazardous Products Regulations (HPR) / Règlement sur les produits dangereux (RPD) Issu

e date: 07/25/2016	Revision date: 10/20/2020	Version: 2.0

SECTION 1: Identification

1.1.	Identification
Product f	orm
Trade na	me

: Mixture : EPOXY-STIK®

1.2. Recommended use and restrictions on use

Use of the substance/mixture

Supplier LA-CO Industries, Inc. 1201 Pratt Boulevard

Elk Grove Village, IL. 60007-5746

E-mail: customer service@laco.com

Restrictions on use

1.3.

: sealant

: No additional information available

Emergency telephone number 1.4.

Emergency number

Phone: (847) 956-7600 Fax: (847) 956-9885

> : 24-hour emergency: CHEMTREC- U.S. : 1-800-424-9300 International: +1-703-527-3887; 全国应急中心 0532 8388 9090

SECTION 2: Hazard(s) identification

2.1. Classification of the substance or mixture

GHS classification

Skin corrosion/irritation, Category 2 Serious eye damage/eye irritation, Category 2 Skin sensitisation, Category 1 Carcinogenicity, Category 1A Specific target organ toxicity - Single exposure, Category 3, Respiratory tract irritation Hazardous to the aquatic environment - Chronic Hazard, Category 3

- H315 Causes skin irritation.
- H319 Causes serious eye irritation.
- H317 May cause an allergic skin reaction.
- H350 May cause cancer (Inhalation).
- H335 May cause respiratory irritation.
- H412 Harmful to aquatic life with long lasting effects.

Full text of H statements : see section 16

2.2. GHS Label elements, including precautionary statements

GHS-US labelling

Hazard pictograms (GHS)

	· · · · · · · · · · · · · · · · · · ·		
Signal word (GHS)	: Danger		
Hazard statements (GHS US)	: H315 - Causes skin irritati H317 - May cause an alle H319 - Causes serious ey H335 - May cause respira H350 - May cause cancer H412 - Harmful to aquatic	on. gic skin reaction. e irritation. ory irritation. (Inhalation). life with long lasting effects.	
Precautionary statements (GHS)	 P201 - Obtain special inst P202 - Do not handle unti P261 - Avoid breathing du P264 - Wash hands, forea P271 - Use only outdoors P272 - Contaminated wor P273 - Avoid release to th P280 - Wear protective gl P302+P352 - If on skin: W P304+P340 - If inhaled: R P305+P351+P338 - IF IN contact lenses, if present P308+P313 - If exposed of P312 - Call a poison center 	uctions before use. all safety precautions have been read and unders st/fume/gas/mist/vapours/spray. rms and face thoroughly after handling. or in a well-ventilated area. c clothing must not be allowed out of the workplac e environment. wes/protective clothing/eye protection/face protec ash with plenty of water. emove person to fresh air and keep comfortable for EYES: Rinse cautiously with water for several min and easy to do. Continue rinsing. r concerned: Get medical advice/attention. r/doctor if you feel unwell	tood. ∋. tion. or breathing. iutes. Remove
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> P321 - Specific treatment (see supplemental first aid instruction on this label). P332+P313 - If skin irritation occurs: Get medical advice/attention. P333+P313 - If skin irritation or rash occurs: Get medical advice/attention. P337+P313 - If eye irritation persists: Get medical advice/attention. P362+P364 - Take off contaminated clothing and wash it before reuse. P363 - Wash contaminated clothing before reuse. P403+P233 - Store in a well-ventilated place. Keep container tightly closed. P405 - Store locked up. P501 - Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.

Other hazards which do not result in classification 2.3.

No additional information available

Unknown acute toxicity (GHS US) 2.4.

30% of the mixture consists of ingredient(s) of unknown acute toxicity (Oral) 30% of the mixture consists of ingredient(s) of unknown acute toxicity (Dermal) 30% of the mixture consists of ingredient(s) of unknown acute toxicity (Inhalation (Dust/Mist))

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. **Mixtures**

Name	Product identifier	% (w/w)	GHS classification
Talc	(CAS-No.) 14807-96-6	35 - <50	Not classified
Nepheline syenite	(CAS-No.) 37244-96-5	10 - <30	STOT SE 3, H335
reaction product: bisphenol-A-(epichlorhydrin); epoxy resin (number average molecular weight ≤ 700)	(CAS-No.) 25068-38-6	5 - <25	Skin Irrit. 2, H315 Eye Irrit. 2A, H319 Skin Sens. 1, H317 Aquatic Chronic 2, H411
Glass oxide	(CAS-No.) 65997-17-3	15 - <20	Not classified
2,4,6-tris(dimethylaminomethyl)phenol	(CAS-No.) 90-72-2	1 - <3	Acute Tox. 4 (Oral), H302 Skin Irrit. 2, H315 Eye Irrit. 2A, H319
Silicon dioxide (cristobalite)	(CAS-No.) 14808-60-7	0.1 - <1	Carc. 1A, H350

*Chemical name, CAS number and/or exact concentration have been withheld as a trade secret

Full text of hazard classes and H-statements : see section 16

SECTION 4: First-aid measures

4.1. Description of first aid measures	
First-aid measures general	: Never give anything by mouth to an unconscious person.
First-aid measures after inhalation	: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER/doctor if you feel unwell.
First-aid measures after skin contact	: Wash skin thoroughly with mild soap and water. Take off contaminated clothing and wash it before reuse. If skin irritation or rash occurs: Get medical advice/attention.
First-aid measures after eye contact	: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
First-aid measures after ingestion	: Call a POISON CENTER/doctor if you feel unwell. Do NOT induce vomiting. Rinse mouth. Sip water.
4.2. Most important symptoms and effects	s (acute and delayed)
Symptoms/effects after inhalation	: May cause cancer by inhalation. May cause respiratory irritation.
Symptoms/effects after skin contact	: Causes skin irritation. May cause an allergic skin reaction.
Symptoms/effects after eye contact	: Causes serious eye irritation.

4.3. Immediate medical attention and special treatment, if necessary

Treat symptomatically.

SECTION 5: Fire-fighting measures		
5.1.	Suitable (and unsuitable) extinguishi	ng media
Suitable e	extinguishing media	: Use extinguishing media appropriate for surrounding fire.
Unsuitabl	e extinguishing media	: None known.

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5.2. Specific hazards arising from the chemical		
Fire hazard	: No particular fire or explosion hazard.	
Reactivity : No dangerous reactions known.		
5.3. Special protective equipment	and precautions for fire-fighters	
Precautionary measures fire	: Evacuate area.	
Firefighting instructions	 Do not allow run-off from fire fighting to enter drains or water courses. Use water spray or fog for cooling exposed containers. 	
Protection during firefighting	: Wear a self contained breathing apparatus. Wear fire/flame resistant/retardant clothing.	
SECTION 6: Accidental release	measures	
6.1. Personal precautions, protect	ive equipment and emergency procedures	
General measures	: Avoid contact with skin, eyes and clothing. Do not breathe dust. Keep upwind.	
6.1.1. For non-emergency personne	I	
Protective equipment	: Refer to section 8.2.	
Emergency procedures	: Evacuate unnecessary personnel.	
6.1.2. For emergency responders		
Protective equipment	: Refer to section 8.2.	
Emergency procedures	: Ventilate area. Stop leak if safe to do so.	
6.2. Environmental precautions		
Do not discharge into drains or the environ	nment.	
6.3. Methods and material for con	tainment and cleaning up	
For containment	: Contain and collect as any solid. Avoid generating dust.	
Methods for cleaning up	: Sweep spilled substance into containers; if appropriate, moisten first to prevent dusting. Following recovery, flush area with water. Clean surface thoroughly to remove residual contamination.	
6.4. Reference to other sections		
Section 13: disposal information. Section 7: safe handling. Section 8: personal protective equipment.		
SECTION 7: Handling and storage		
7.1. Precautions for safe handling		
Precautions for safe handling	: Avoid contact with skin, eyes and clothing. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Use only outdoors or in a well-ventilated area. Do not breathe dust. Avoid creating or spreading dust.	
Hygiene measures	Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reuse. Do not eat, drink or smoke when using	

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions	: Keep container tightly closed. Keep only in the original container.
Storage temperature	: 5 – 30 °C Keen away from heat, sparks and flame
Storage area	: Store in dry, cool, well-ventilated area.

SECTION 8: Exposure controls/personal protection

8.1. **Control parameters**

reaction product: bisphenol-A-(epichlorhydrin); epoxy resin (number average molecular weight ≤ 700) (25068-38-6)		
Not applicable		
2,4,6-tris(dimethylaminomet	hyl)phenol (90-72-2)	
Not applicable		
Silicon dioxide (cristobalite) (14808-60-7)		
ACGIH Local name Silica crystaline - quartz		
ACGIH TWA (mg/m ³) 0.025 mg/m ³ (R - Respirable particulate matter)		

this product. Handle in accordance with good industrial hygiene and safety procedures.

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Silicon dioxide (cristobalite	e) (14808-60-7)	
ACGIH	Remark (ACGIH)	TLV® Basis: Pulm fibrosis; lung cancer. Notations: A2 (Suspected Human Carcinogen)
ACGIH	Regulatory reference	ACGIH 2020
OSHA	OSHA PEL (TWA) (ppm)	250 mppcf
OSHA	Remark (OSHA)	Table Z-3. For OSHA PEL (TWA): Use formulas: (250 / (%SiO2+5)) for mppcf and (10 mg/m3 / (%SiO2+2)) for mg/m3. CAS No. source: eCFR Table Z-1.
OSHA	Regulatory reference (US-OSHA)	OSHA Annotated Table Z-3 Mineral Dusts
NIOSH	NIOSH REL (TWA) (mg/m ³)	0.05 mg/m³
NIOSH	Remark (NIOSH)	(respirable dust)
Talc (14807-96-6)		
ACGIH	Local name	Talc
ACGIH	ACGIH TWA (mg/m³)	2 mg/m ³ (Containing no asbestos fibers. E - The value is for particulate matter containing no asbestos and < 1 % crystalline silica, R - Respirable particulate matter) 2 mg/m ³ (Containing asbestos fibers. R - Respirable particulate matter)
ACGIH	ACGIH TWA (ppm)	0.1 fibers/cm ³ (Containing asbestos fibers. F - Respirable fibers)
ACGIH	Remark (ACGIH)	Containing no asbestos fibers = TLV® Basis: Pulm fibrosis; pulm func. Notations: A4 Containing asbestos fibers = TLV® Basis: Pneumoconiosis; lung cancer; mesothelioma. Notations: A1 (Confirmed Human Carcinogen)
ACGIH	Regulatory reference	ACGIH 2020
OSHA	OSHA PEL (TWA) (ppm)	20 mppcf
OSHA	Remark (OSHA)	Table Z-3. CAS No. source: eCFR Table Z-1.
OSHA	Regulatory reference (US-OSHA)	OSHA Annotated Table Z-3 Mineral Dusts
IDLH	US IDLH (mg/m ³)	1000 mg/m ³
NIOSH	NIOSH REL (TWA) (mg/m ³)	2 mg/m ³
Glass oxide (65997-17-3)		
ACGIH	ACGIH TWA (mg/m³)	10 mg/m³
OSHA	OSHA PEL (TWA) (mg/m³)	15 mg/m ³ (total dust) 5 mg/m ³ (respirable fraction)
NIOSH	NIOSH REL (TWA) (mg/m³)	3 fibers/cm³ (Fibers less than or equal to 3,5 μm in diameter and greater than or equal to 10μm in length.) 5 fibers/cm³ glass fibers, Total dust
Nepheline syenite (37244-96-5)		
I Martine and Parality		

Not applicable

8.2. Appropriate engineering controls

: Avoid dispersal of dust in the air (i.e, clearing dust surfaces with compressed air). Use only in well ventilated areas. Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure.

Environmental exposure controls

Appropriate engineering controls

: Prevent leakage or spillage. Prevent contaminated water run-off.

8.3. Individual protection measures/Personal protective equipment

Personal protective equipment:

Avoid all unnecessary exposure.

Hand protection:

Wear suitable gloves resistant to chemical penetration. Butyl rubber gloves. nitrile rubber gloves

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Eye protection:

Chemical goggles or safety glasses

Skin and body protection:

Wear suitable protective clothing. Long sleeved protective clothing. Rubber Apron

Respiratory protection:

Where exposure through inhalation may occur from use, respiratory protection equipment is recommended. Approved respirator

Other information:

Do not eat, drink or smoke when using this product.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties		
Physical state	:	Solid
Appearance	:	A solid crayon-like marker.
Colour	:	white
Odour	:	Pungent
Odour threshold	:	No data available
рН	:	No data available
Melting point	:	No data available
Freezing point	:	No data available
Boiling point	:	No data available
Flash point	:	No data available
Relative evaporation rate (butylacetate=1)	:	No data available
Flammability (solid, gas)	:	No data available
Vapour pressure	:	No data available
Relative vapour density at 20 °C	:	No data available
Relative density	:	1.95
Solubility	:	No data available
Log Pow	:	No data available
Auto-ignition temperature	:	No data available
Decomposition temperature	:	No data available
Viscosity, kinematic	:	No data available
Viscosity, dynamic	:	No data available
Explosive limits	:	No data available
Explosive properties	:	No data available
Oxidising properties	:	No data available
9.2. Other information		

VOC content

:0%

SECTION 10: Stability and reactivity

10.1. Reactivity

No dangerous reactions known.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

Hazardous polymerization will not occur.

10.4. Conditions to avoid

None known.

10.5. Incompatible materials

None known.

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10.6. Hazardous decomposition products None known. Image: Composition products		
SECTION 11: Toxicological information	un	
11.1. Information on toxicological effects		
Acute toxicity (oral)	: Not classified	
Acute toxicity (dermal)	: Not classified	
Acute toxicity (inhalation)	: Not classified	
Unknown acute toxicity (GHS_US)	 30% of the mixture consists of ingredient(s) of unknown acute toxicity (Oral) 30% of the mixture consists of ingredient(s) of unknown acute toxicity (Dermal) 30% of the mixture consists of ingredient(s) of unknown acute toxicity (Inhalation (Dust/Mist)) 	
reaction product: bisphenol-A-(epichlorhydrin	ı); epoxy resin (number average molecular weight ≤ 700) (25068-38-6)	
LD50 oral rat	> 5000 mg/kg	
LD50 dermal rat	> 2000 mg/kg	
LC50 Inhalation - Rat	> 5 mg/l	
2,4,6-tris(dimethylaminomethyl)phenol (90-72	-2)	
LD50 oral rat	1200 mg/kg	
LD50 dermal rat	> 1 ml/kg	
ATE (oral)	500 mg/kg bodyweight	
Skin corrosion/irritation	Causes skin irritation	
Serious eve damage/irritation	Causes serious eve irritation.	
Respiratory or skin sensitisation	: May cause an alleroic skin reaction.	
Germ cell mutagenicity	Not classified	
Carcinogenicity	: May cause cancer (Inhalation).	
Silicon dioxide (cristobalite) (14808-60-7)		
IARC group	1 - Carcinogenic to humans	
Talc (14807-96-6)		
	3 - Not classifiable	

IARC gloup	3 - NUL CIASSINADIE
Reproductive toxicity	: Not classified
	May aguag reapiratory irritation
STOT-single exposure	. May cause respiratory initation.

Nepheline syenite (37244-96-5)	
STOT-single exposure	May cause respiratory irritation.
STOT-repeated exposure	Not classified
Aspiration hazard	Not classified
Viscosity, kinematic	No data available
Likely routes of exposure	Inhalation. Skin and eye contact.
Symptoms/effects after inhalation	: May cause cancer by inhalation. May cause respiratory irritation.
Symptoms/effects after skin contact	: Causes skin irritation. May cause an allergic skin reaction.
Symptoms/effects after eye contact	: Causes serious eye irritation.

SECTION 12: Ecological information

12.1. Toxicity

reaction product: bisphenol-A-(epichlorhydrin); epoxy resin (number average molecular weight ≤ 700) (25068-38-6)		
LC50 fish 1	1.2 mg/l 96 h	
EC50 crustacea	2.8 mg/l 48 h	
ErC50 (algae)	> 100 mg/l	
LOEC (acute)	3.2 mg/l	

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reaction	on product: bisphenol-A-(epichlorhydrin	ı); epoxy resin (number average molecular weight ≤ 700) (25068-38-6)		
NOEC	NOEC (acute) 1 mg/l			
2,4,6-t	ris(dimethylaminomethyl)phenol (90-72-	2)		
LC50 f	ïsh 1	180 – 240 mg/l 96 h		
EC50	crustacea	718 mg/l 96 h		
Glass	oxide (65997-17-3)			
LC50 f	ish 1	> 1000 mg/l		
EC50	crustacea	> 1000 mg/l		
12.2.	Persistence and degradability			
EPOX	Y-STIK®			
Persis	tence and degradability	May cause long-term adverse effects in the environment.		
reaction	on product: bisphenol-A-(epichlorhydrin	ı); epoxy resin (number average molecular weight ≤ 700) (25068-38-6)		
Persis	tence and degradability	Readily biodegradable.		
12.3.	Bioaccumulative potential			
EPOX	Y-STIK®			
Bioacc	umulative potential	Not established.		
reaction	on product: bisphenol-A-(epichlorhydrin	ı); epoxy resin (number average molecular weight ≤ 700) (25068-38-6)		
Log Po	W	≥ 2.918		
Bioacc	umulative potential	Not expected to bioaccumulate.		
12.4.	Mobility in soil			
EPOX	Y-STIK®			
Ecolog	ıy - soil	No additional information available.		
12.5.	Other adverse effects			
Other in	formation :	No additional information available.		
SECT	ON 13: Disposal considerations			
13.1.	Disposal methods			
Sewage	disposal recommendations :	Do not dispose of waste into sewer.		
Waste disposal recommendations :		Dispose in a safe manner in accordance with local/national regulations.		
Ecology - waste materials		Avoid release to the environment.		
SECT	ON 14: Transport information			
Departe	nent of Transportation (DOT)			
In accor	dance with DOT			
Not regu	ilated.			
Other in	Tormation	:No supplementary information available		
Transpo	ortation of Dangerous Goods			
Not regu	llated.			
Transpo	ort by sea			
Not regu	ılated.			
Air tran	sport			
Not regu	ılated.			
SECT	ON 15: Regulatory information			
15 1 119	S Federal regulations			

All components of this product are listed, or excluded from listing, on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory

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This product or mixture is not known to contain a toxic chemical or chemicals in excess of the applicable de minimis concentration as specified in 40 CFR §372.38(a) subject to the reporting requirements of section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372.

reaction product: bisphenol-A-(epichlorhydrin); epoxy resin (r	number average molecular weight ≤ 700) (25068-38-6
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SARA Section 311/312 Hazard Classes Immediate (acute) health hazard

15.2. International regulations

CANADA

reaction product: bisphenol-A-(epichlorhydrin); epoxy resin (number average molecular weight ≤ 700) (25068-38-6)			
Listed on the Canadian DSL (Domestic Substances List) inventory.			
2,4,6-tris(dimethylaminomethyl)phenol (90-72-2)			
Listed on the Canadian DSL (Domestic Substances List) inventory.			
Silicon dioxide (cristobalite) (14808-60-7)			
Listed on the Canadian DSL (Domestic Substances List) inventory.			
Talc (14807-96-6)			
Listed on the Canadian DSL (Domestic Substances List) inventory.			
Glass oxide (65997-17-3)			
Listed on the Canadian DSL (Domestic Substances List) inventory.			
Nepheline svenite (37244-96-5)			

Listed on the Canadian DSL (Domestic Substances List) inventory.

EU-Regulations

reaction product: bisphenol-A-(epichlorhydrin); epoxy resin (number average molecular weight ≤ 700) (25068-38-6)

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

2,4,6-tris(dimethylaminomethyl)phenol (90-72-2)

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

Silicon dioxide (cristobalite) (14808-60-7)

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

Talc (14807-96-6)

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

Glass oxide (65997-17-3)

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

Nepheline syenite (37244-96-5)

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

National regulations

EPOXY-STIK®

All ingredients are listed on the Canadian Domestic Substances List (DSL) or Non-Domestic Substances List (NDSL).

reaction product: bisphenol-A-(epichlorhydrin); epoxy resin (number average molecular weight ≤ 700) (25068-38-6)

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

Listed on NZIoC (New Zealand Inventory of Chemicals)

Listed on the AICS (Australian Inventory of Chemical Substances)

Listed on Taiwan National Chemical Inventory

Listed on KECL/KECI (Korean Existing Chemicals Inventory)

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

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

Silicon dioxide (cristobalite) (14808-60-7)

Listed on IARC (International Agency for Research on Cancer)

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

Listed on NZIoC (New Zealand Inventory of Chemicals)

Listed on the AICS (Australian Inventory of Chemical Substances)

Listed on Taiwan National Chemical Inventory

Listed on KECL/KECI (Korean Existing Chemicals Inventory)

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

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

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Talc (14807-96-6)

Taic (14607-30-0)		
Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)		
Listed on Taiwan National Chemical Inventory		
Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)		
Listed on the AICS (Australian Inventory of Chemical Substances)		
Listed on NZIoC (New Zealand Inventory of Chemicals)		
Listed on the Japanese ENCS (Existing & New Chemical Substances) inventory		
Listed on the Japanese ISHL (Industrial Safety and Health Law)		
Listed on KECL/KECI (Korean Existing Chemicals Inventory)		

15.3. US State regulations

MARNING: This product can expose you to Silicon dioxide (cristobalite), which is known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov.

Component	Carcinogenicity	Develo toxicit	opmental ty	Reproductive toxicity male	Reproductive toxicity female	No significant risk level (NSRL)	Maximum allowable dose level (MADL)
Silicon dioxide (cristobalite)(14808- 60-7)	X						
Component		State or local regulations					
Talc(14807-96-6)		U.S New Jersey - Right to Know Hazardous Substance List; U.S Pennsylvania - RTK (Right to Know) List					
Silicon dioxide (cristobalite)(14808-60-7)		U.S Idaho - Non-Carcinogenic Toxic Air Pollutants - Acceptable Ambient Concentrations; U.S New Jersey - Right to Know Hazardous Substance List					

SECTION 16: Other information

Revision date	: 10/20/2020
Data sources	: European Chemicals Agency (ECHA) C&L Inventory database. Accessed at http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database. Krister Forsberg and S.Z. Mansdorf, "Quick Selection Guide to Chemical Protective Clothing", Fifth Edition. National Fire Protection Association. Fire Protection Guide to Hazardous Materials; 10th edition. OSHA 29CFR 1910.1200 Hazard Communication Standard. TSCA Chemical Substance Inventory. Accessed at http://www.epa.gov/oppt/existingchemicals/pubs/tscainventory/howto.html. ACGIH (American Conference of Government Industrial Hygienists).

Other information

: None.

Full text of H-statements:

H302	Harmful if swallowed.	
H315	Causes skin irritation.	
H317	May cause an allergic skin reaction.	
H319	Causes serious eye irritation.	
H335	May cause respiratory irritation.	
H350	May cause cancer.	
H411	Toxic to aquatic life with long lasting effects.	
H412	Harmful to aquatic life with long lasting effects.	

Abbreviations and acronyms:

CAS (Chemical Abstracts Service) number
GHS: Globally Harmonized System (of Classification and Labeling of Chemicals).
OSHA: Occupational Safety & Health Administration
TSCA: Toxic Substances Control Act
ATE: Acute Toxicity Estimate
CLP: Classification, Labelling, Packaging.
EC50: Environmental Concentration associated with a response by 50% of the test population.
European List of Waste (LoW) code

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	LD50: Lethal Dose for 50% of the test population		
	STEL: Short Term Exposure Limits		
	TWA: Time Weighted Average		
NFPA health hazard	: 2 - Materials that, under emergency conditions, can cause temporary incapacitation or residual injury.		
NFPA fire hazard	: 1 - Materials that must be preheated before ignition can occur.		
NFPA reactivity	: 0 - Normally stable, even under fire exposure conditions, and not reactive with water.		

Indication of changes: General information. Regulatory information.

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.