

### Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations Issue date: 3/15/2015 Revision date: 6/13/2024 Supersedes: 5/12/2021

SECTION 1: Identification	
1.1. Identification	
Product form Product name CAS-No. Product code Other means of identification	Mixture     QuikLite 4LI     Mixture     8641     Alumina-Silicate Cement Bonded Castable
1.2. Recommended use and restrictions on	
Use of the substance/mixture	: Refractory
Recommended use	: Industrial use
1.3. Supplier	
Resco Products, Inc. One Robinson Plaza, Suite 300 6600 Steubenville Pike Pittsburgh, PA, 15205 United States T 412-494-4491 SDS@RescoProducts.com - WWW.RescoProducts.com	<u>xom</u>
1.4. Emergency telephone number	
Emergency number	: EMERGENCY ONLY (CHEMTREC) USA & Canada 1-800-424-9300 Outside USA & Canada +1 703-741-5970
SECTION 2: Hazard(s) identification	Suble Son a Sanada II 103 141 5510
2.1. Classification of the substance or mixt	Ire
GHS US classification	
Skin corrosion/irritation Category 2 Serious eye damage/eye irritation Category 2B Carcinogenicity Category 1A Full text of H statements : see section 16	H315Causes skin irritationH320Causes eye irritationH350May cause cancer (Inhalation)
2.2. GHS Label elements, including precaut	ionary statements
GHS US labeling Hazard pictograms (GHS US)	
Signal word (GHS US) Hazard statements (GHS US) Precautionary statements (GHS US)	<ul> <li>Danger</li> <li>H315 - Causes skin irritation H320 - Causes eye irritation</li> <li>H350 - May cause cancer (Inhalation)</li> <li>P280 - Wear eye protection, Dust respirator, protective gloves.</li> <li>P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.</li> </ul>
	P332+P313 - If skin irritation occurs: Get medical advice/attention. P337+P313 - If eye irritation persists: Get medical advice/attention. P260 - Do not breathe dust.
2.3. Other hazards which do not result in cla	assification
No additional information available	
2.4. Unknown acute toxicity (GHS US)	
No additional information available	
SECTION 3: Composition/Information c	
3.1. Substances	
Not applicable	
3.2. Mixtures	
Name Calcium Aluminate Cement	Product identifier         %         GHS US classification           CAS-No.: 65997-16-2         20 – 50         Skin Irrit. 2, H315
	CAS-NO.: 65997-16-2 20 – 50 Skin Irrit. 2, H315 Eye Irrit. 2B, H320
quartz	CAS-No.: 14808-60-7 10 – 20 Carc. 1A, H350
cristobalite	CAS-No.: 14464-46-1 1 – 5 Carc. 1A, H350
Full text of hazard classes and H-statements : see se	

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SECTION 4: First-aid measures	
4.1. Description of first aid measures	
First-aid measures general	<ul> <li>Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).</li> </ul>
First-aid measures after inhalation	: Allow affected person to breathe fresh air. Allow the victim to rest.
First-aid measures after skin contact	: Gently wash with plenty of soap and water.
First-aid measures after eye contact	: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
First-aid measures after ingestion	: Rinse mouth. Do NOT induce vomiting. Obtain emergency medical attention.
4.2. Most important symptoms and effects	
Potential Adverse human health effects and	: Danger of serious damage to health by prolonged exposure through inhalation.
symptoms	
Symptoms/effects after inhalation	: Danger of serious damage to health by prolonged exposure through inhalation. May cause cancer by inhalation.
Symptoms/effects after skin contact	: Causes skin irritation.
Symptoms/effects after eye contact	: Causes eye irritation.
4.3. Immediate medical attention and speci	al treatment, if necessary
No additional information available	
SECTION 5: Fire-fighting measures	
5.1. Suitable (and unsuitable) extinguishing	g media
Suitable extinguishing media	: Use extinguishing media appropriate for surrounding fire.
Unsuitable extinguishing media	: In case of fire, all extinguishing media allowed.
5.2. Specific hazards arising from the chem Fire hazard	: Not flammable.
5.3. Special protective equipment and prec	
Firefighting instructions	: Fight fire with normal precautions from a reasonable distance.
Protection during firefighting	: Do not enter fire area without proper protective equipment, including respiratory protection.
SECTION 6: Accidental release measure	res
6.1. Personal precautions, protective equip	ment and emergency procedures
6.1.1. For non-emergency personnel	
Emergency procedures	: Do not breathe dust. Avoid contact with skin and eyes.
6.1.2. For emergency responders Protective equipment	: Equip cleanup crew with proper protection.
Emergency procedures	: Ventilate area. On land, sweep or shovel into suitable containers.
6.2. Environmental precautions	
Prevent entry to sewers and public waters.	
6.3. Methods and material for containment	and cleaning up
Methods for cleaning up	: On land, sweep or shovel into suitable containers. Minimize generation of dust.
6.4. Reference to other sections	
See Heading 8. Exposure controls and personal pro	tection.
SECTION 7: Handling and storage	
7.1. Precautions for safe handling	
Precautions for safe handling	: Do not handle until all safety precautions have been read and understood. Avoid raising dust.
	Avoid contact with skin and eyes. Do not breathe dust.
Hygiene measures	: Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work.
7.2. Conditions for safe storage, including	
Storage conditions	: Store this product in a dry location where it can be protected from the elements.
Incompatible products	: Strong bases. Strong acids.
SECTION 8: Exposure controls/person	al protection
8.1. Control parameters	
QuikLite 4LI (Mixture)	
No additional information available	
Calcium Aluminate Cement (65997-16-2) No additional information available	

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cristobalite (14464-46-1)	
USA - ACGIH - Occupational Exposure Limits	
ACGIH OEL TWA	0.025 mg/m <sup>3</sup> respirable dust
USA - OSHA - Occupational Exposure Limits	
OSHA PEL (TWA) [1]	0.05 mg/m <sup>3</sup> respirable dust
quartz (14808-60-7)	
USA - ACGIH - Occupational Exposure Limits	
ACGIH OEL TWA	0.025 mg/m <sup>3</sup> (Silica-Crystalline Quartz; USA; Time-weighted average exposure limit 8 h; TLV -
USA - OSHA - Occupational Exposure Limits	Adopted Value; Respirable fraction)
Local name	Silica, crystalline quartz, respirable dust
OSHA PEL (TWA) [1]	0.05 mg/m <sup>3</sup> respirable dust
Remark (OSHA)	(3) See Table Z-3.
8.2. Appropriate engineering controls	
Appropriate engineering controls	: Provide adequate ventilation to minimize dust concentrations.
8.3. Individual protection measures/Person	
Personal protective equipment:	an procession and all printing and
Avoid all unnecessary exposure.	
Hand protection:	
Wear protective gloves.	
Eye protection:	
Chemical goggles or safety glasses	
Skin and body protection:	
Wear suitable protective clothing	
Respiratory protection:	
Wear appropriate mask	
Other information: Do not eat, drink or smoke during use.	
<b>SECTION 9: Physical and chemical pro</b>	perties
9.1. Information on basic physical and cher	nical properties
Physical state	: Solid
Appearance	: Granular mixture.
Color Odor	: light brown
Odor threshold	: earthy : No data available
pH	: ≈ 10.5
pH solution concentration	: 10 %
Melting point	: > 2500 °F
Freezing point	: No data available
Boiling point	: No data available
Flash point	: No data available
Relative evaporation rate (butyl acetate=1)	: No data available
Flammability (solid, gas)	: Not flammable. : No data available
Vapor pressure Relative vapor density at 20°C	: No data available
Relative density at 20 C	: ≈1
Solubility	: Slightly soluble.
Partition coefficient n-octanol/water (Log Pow)	: No data available
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Viscosity, kinematic	: Not Applicable
Viscosity, dynamic	: No data available
Explosion limite	· No data available
Explosion limits	: No data available
Explosive properties	: No data available
Explosive properties Oxidizing properties	
Explosive properties	: No data available

No additional information available

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10.1. Reactivity         typerate setting:         10.2. Chemical stability         Stable under normal conditions of use.         10.3. Possibility of hazardous reactions         Not estabilished.         10.4. Conditions to avoid         Avoid dust formation.         10.5. Incompatible materials         Strong adds. Strong base.         10.6. Hazardous decomposition products         vool dust formation available         SECTION 11: Toxicological information         11.1. Information available         SECTION 11: Toxicological information         12.1. Information available         Section work (wind)       : Not dessified         Acte toxicity (rim)       : Not dessified         Section work (wind)       : Not dessified         Section work (wind)       : Not dessified         Section work (wind)       : Causes skin intriton.         pH       6 - 7         quartz (14008-60-7)       :         pH       6 - 7         R			
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10.3. Possibility of hazardous reactions       Vid estabilande.         Vid estabilande.       Vid dust formation.         10.4. Conditions to avoid       Vid dust formation.         10.5. Incompatible materials       Strong acids. Strong bases.         10.6. Hazardous decomposition products       Vid dust formation available         SECTION 11: Toxicological information         Strong acids. Strong bases.         No additional information available         SECTION 11: Toxicological effects         Additional information on toxicological effects         Calcium Aluminate Cement (65997-16-2)         pH       6 - 7         Galcium Aluminate Cement (65997-16-2)         pH       6 - 7         Calcium Aluminate Cement (65997-16-2)         pH       6 - 7 <td>10.2. Chemical stability</td> <td></td>	10.2. Chemical stability		
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Avoid stormation.         10.5. Incompatible materials         Strong acids. Strong bases.         10.6. Hazardous decomposition products         No Additional information on toxicological information         11.1. Information on toxicological effects         Acute toxicity (rona)       INI classified         Skin corrosion/irritation       Causes skin irritation. pH = 10.5         Calcium Aluminate Cement (65997-16-2)       pH         pH       6 - 7         quartz (14808-60-7)       Interve         pH       6 - 7         Calcium Aluminate Cement (65997-16-2)       Interve         pH       6 - 7         quartz (14808-60-7)       Interve         pH       6 - 7         quartz (14808-60-7)       Interve         pH       6 - 7         Respiratory or skin senstitization       Not classified         Germ cell mutagesinitity       Not classified	Not established.		
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Skin corrosion/irritation       : Causes skin irritation.         pH: * 10.5         Calcium Aluminate Cement (65997-16-2)         pH       \$ 13         cristobalite (14464-46-1)         pH       6 - 7         quartz (14808-60-7)       6 - 7         pH       6 - 7         Serious eye damage/irritation       : Causes eye irritation.         pH: * 10.5       Calcium Aluminate Cement (65997-16-2)         pH       6 - 7         Calcium Aluminate Cement (65997-16-2)       pH         pH       § 13         cristobalite (14464-46-1)          pH       § - 7         quartz (14808-60-7)          pH       § - 7         guartz (14808-60-7)          pH       § - 7         guartz (14808-60-7)          pH       § - 7         Respiratory or skin sensitization       : Not classified         Carcinogenicity       : Not classified         Carcinogenicity       : Not classified         Carcinogenicity       : Not classified         STOT-replate exposure       : Not classified         STOT-replate exposure       : Not classified         STOT-replate exposure       : Not			
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Serious eye damage/irritation       : Causes eye irritation. pH: ≈ 10.5         Calcium Aluminate Cement (65997-16-2)         pH       ≤ 13         cristobalite (14464-46-1)         pH       6 - 7         quartz (14808-60-7)         pH       6 - 7         quartz (14808-60-7)         pH       6 - 7         Respiratory or skin sensitization       : Not classified         Germ cell mutagenicity       : Not classified         Carcinogenicity       : Not classified         Quartz (14808-60-7)       I - Carcinogenic (Inhalation).         quartz (14808-60-7)       I - Carcinogenic to humans         Reproductive toxicity       : Not classified         STOT-single exposure       : Not classified         STOT-sepated exposure       : Not classified         STOT-sepated exposure       : Not classified         Stord assified       : Not classified         Stord spiration hazard       : Not classified         Viscosity, kinematic       : Not classified         Potential Adverse human health effects and symptoms       : Danger of serious damage to health by prolonged exposure through inhalation.         Symptoms/effects after skin contact       : Causes skin irritation.	quartz (14808-60-7)		
pH: ≈ 10.5         Calcium Aluminate Cement (65997-16-2)         pH       ≤ 13         cristobalite (14464-46-1)         pH       6 - 7         quartz (14808-60-7)         pH       6 - 7         Respiratory or skin sensitization         circinogenicity       Not classified         Gern cell mutagenicity         carcinogenicity       Not classified         Carcinogenicity         Any cause cancer (Inhalation).         quartz (14808-60-7)         IARC group         1 - Carcinogenic to humans         Reproductive toxicity       Not classified         STOT-single exposure       Not classified         STOT-single exposure       Not classified         Stort carcin del was and the effects and symptoms       Not classified         Symptoms/effects after inhalation       Danger of serious damage to health by prolonged exposure through inhalation. May cause cancer by inhalation.         Symptoms/effects after skin contact       Carcinos damage to health by prolonged exposure through inhalation.	рН	6 – 7	
Calcium Aluminate Cement (65997-16-2)         pH       ≤ 13         cristobalite (14464-46-1)         pH       6 - 7         quartz (14808-60-7)         pH       6 - 7         Respiratory or skin sensitization       : Not classified         Germ cell mutagenicity       : Not classified         Carcinogenicity       : May cause cancer (Inhalation).         quartz (14808-60-7)       I - Carcinogenic to humans         Reporductive toxicity       : Not classified         STOT-single exposure       : Not classified         STOT-single exposure       : Not classified         STOT-repeated exposure       : Not classified         Viscosity, kinematic       : Not classified         Viscosity, kinematic       : Not classified         Viscosity, kinematic       : Not classified         Symptoms/effects after inhalation       : Danger of serious damage to health by prolonged exposure through inhalation. May cause cancer by inhalation.         Symptoms/effects after skin contact       : Cause skin irritation.	Serious eye damage/irritation :		
pH ≤ 13 cristobalite (14464-46-1) pH 6-7 quartz (14808-60-7) pH 6-7 Respiratory or skin sensitization : Not classified Germ cell mutagenicity : Not classified Carcinogenicity : Not classified Carcinogenicity : May cause cancer (Inhalation). quartz (14808-60-7) IARC group 1 - Carcinogenic to humans Reproductive toxicity : Not classified STOT-single exposure : Not classified STOT-single exposure : Not classified STOT-repeated exposure : Not classified Symptoms/effects after inhalation Symptoms/effects after inhalation Symptoms/effects after skin contact Stome : Causes skin irritation.	Calcium Aluminate Coment (65997-16-2)	pri. ~ 10.0	
cristobalite (14464-46-1)         pH       6 - 7         quartz (14808-60-7)         pH       6 - 7         Respiratory or skin sensitization       : Not classified         Gern cell mutagenicity       : Not classified         Carcinogenicity       : May cause cancer (Inhalation).         quartz (14808-60-7)       IARC group         IARC group       1 - Carcinogenic to humans         Reproductive toxicity       : Not classified         STOT-single exposure       : Not classified         STOT-single exposure       : Not classified         STOT-repeated exposure       : Not classified         STOT-single exposure       : Not classified         Stoty, kinematic       : Not classified         Potential Adverse human health effects and symptoms       : Danger of serious damage to health by prolonged exposure through inhalation.         Symptoms/effects after inhalation       : Danger of serious damage to health by prolonged exposure through inhalation. May cause cancer by inhalation.         Symptoms/effects after skin contact       : Causes skin irritation.			
pH       6 - 7         quartz (14808-60-7)       6 - 7         pH       6 - 7         Respiratory or skin sensitization       : Not classified         Germ cell mutagenicity       : Not classified         Carcinogenicity       : May cause cancer (Inhalation).         quartz (14808-60-7)       I - Carcinogenic to humans         IARC group       1 - Carcinogenic to humans         Reproductive toxicity       : Not classified         STOT-single exposure       : Not classified         STOT-repeated exposure       : Not classified         STOT-repeated exposure       : Not classified         Stort, kinematic       : Not classified         Potential Adverse human health effects and symptoms       : Danger of serious damage to health by prolonged exposure through inhalation.         Symptoms/effects after inhalation       : Danger of serious damage to health by prolonged exposure through inhalation.         Symptoms/effects after skin contact       : Causes skin irritation.	рН	≤ 13	
quartz (14808-60-7)       6 - 7         Respiratory or skin sensitization       : Not classified         Germ cell mutagenicity       : Not classified         Carcinogenicity       : Not classified         Carcinogenicity       : May cause cancer (Inhalation).         quartz (14808-60-7)       I - Carcinogenic to humans         IARC group       1 - Carcinogenic to humans         Reproductive toxicity       : Not classified         STOT-single exposure       : Not classified         STOT-repeated exposure       : Not classified         STOT-repeated exposure       : Not classified         Viscosity, kinematic       : Not classified         Potential Adverse human health effects and symptoms       : Danger of serious damage to health by prolonged exposure through inhalation.         Symptoms/effects after inhalation       : Danger of serious damage to health by prolonged exposure through inhalation. May cause cancer by inhalation.         Symptoms/effects after skin contact       : Causes skin irritation.	cristobalite (14464-46-1)		
pH       6 - 7         Respiratory or skin sensitization       : Not classified         Germ cell mutagenicity       : Not classified         Carcinogenicity       : May cause cancer (Inhalation).         quartz (14808-60-7)       I - Carcinogenic to humans         IARC group       1 - Carcinogenic to humans         Reproductive toxicity       : Not classified         STOT-single exposure       : Not classified         STOT-repeated exposure       : Not classified         Viscosity, kinematic       : Not classified         Potential Adverse human health effects and symptoms       : Danger of serious damage to health by prolonged exposure through inhalation.         Symptoms/effects after inhalation       : Danger of serious damage to health by prolonged exposure through inhalation. May cause cancer by inhalation.         Symptoms/effects after skin contact       : Causes skin irritation.	рН	6 – 7	
Respiratory or skin sensitization       : Not classified         Germ cell mutagenicity       : Not classified         Carcinogenicity       : May cause cancer (Inhalation).         quartz (14808-60-7)       IARC group         IARC group       1 - Carcinogenic to humans         Reproductive toxicity       : Not classified         STOT-single exposure       : Not classified         STOT-repeated exposure       : Not classified         STOT-single exposure       : Not classified         STOT-single exposure       : Not classified         STOT-single exposure       : Not classified         Store stard       : Not classified         Store stard       : Not classified         Symptom hazard       : Not classified         Viscosity, kinematic       : Not classified         Potential Adverse human health effects and symptoms       : Danger of serious damage to health by prolonged exposure through inhalation.         Symptoms/effects after inhalation       : Danger of serious damage to health by prolonged exposure through inhalation. May cause cancer by inhalation.         Symptoms/effects after skin contact       : Causes skin irritation.	quartz (14808-60-7)		
Germ cell mutagenicity       : Not classified         Carcinogenicity       : May cause cancer (Inhalation).         quartz (14808-60-7)       IARC group         IARC group       1 - Carcinogenic to humans         Reproductive toxicity       : Not classified         STOT-single exposure       : Not classified         STOT-repeated exposure       : Not classified         STOT-repeated exposure       : Not classified         Viscosity, kinematic       : Not classified         Potential Adverse human health effects and symptoms       : Danger of serious damage to health by prolonged exposure through inhalation.         Symptoms/effects after inhalation       : Danger of serious damage to health by prolonged exposure through inhalation. May cause cancer by inhalation.         Symptoms/effects after skin contact       : Causes skin irritation.	рН	6 – 7	
Carcinogenicity: May cause cancer (Inhalation).quartz (14808-60-7)IARC group1 - Carcinogenic to humansReproductive toxicity: Not classifiedSTOT-single exposure: Not classifiedSTOT-repeated exposure: Danger of serious damage to health by prolonged exposure through inhalation.Symptoms/effects after inhalation: Danger of serious damage to health by prolonged exposure through inhalation. May cause cancer by inhalation.Symptoms/effects after skin contact: Causes skin irritation.	Respiratory or skin sensitization :	Not classified	
quartz (14808-60-7)         IARC group       1 - Carcinogenic to humans         Reproductive toxicity       : Not classified         STOT-single exposure       : Not classified         STOT-repeated exposure       : Not classified         Aspiration hazard       : Not classified         Viscosity, kinematic       : Not Applicable         Potential Adverse human health effects and symptoms       : Danger of serious damage to health by prolonged exposure through inhalation.         Symptoms/effects after inhalation       : Danger of serious damage to health by prolonged exposure through inhalation. May cause cancer by inhalation.         Symptoms/effects after skin contact       : Causes skin irritation.	Germ cell mutagenicity :	Not classified	
IARC group       1 - Carcinogenic to humans         Reproductive toxicity       : Not classified         STOT-single exposure       : Not classified         STOT-repeated exposure       : Not classified         Aspiration hazard       : Not classified         Viscosity, kinematic       : Not classified         Potential Adverse human health effects and symptoms       : Danger of serious damage to health by prolonged exposure through inhalation.         Symptoms/effects after inhalation       : Danger of serious damage to health by prolonged exposure through inhalation. May cause cancer by inhalation.         Symptoms/effects after skin contact       : Causes skin irritation.	Carcinogenicity :	May cause cancer (Inhalation).	
Reproductive toxicity       : Not classified         STOT-single exposure       : Not classified         STOT-repeated exposure       : Not classified         Aspiration hazard       : Not classified         Viscosity, kinematic       : Not Applicable         Potential Adverse human health effects and symptoms       : Danger of serious damage to health by prolonged exposure through inhalation.         Symptoms/effects after inhalation       : Danger of serious damage to health by prolonged exposure through inhalation. May cause cancer by inhalation.         Symptoms/effects after skin contact       : Causes skin irritation.	quartz (14808-60-7)		
STOT-single exposure: Not classifiedSTOT-repeated exposure: Not classifiedAspiration hazard: Not classifiedViscosity, kinematic: Not classifiedPotential Adverse human health effects and symptoms: Danger of serious damage to health by prolonged exposure through inhalation.Symptoms/effects after inhalation: Danger of serious damage to health by prolonged exposure through inhalation. May cause cancer by inhalation.Symptoms/effects after skin contact: Causes skin irritation.	IARC group	1 - Carcinogenic to humans	
STOT-single exposure: Not classifiedSTOT-repeated exposure: Not classifiedAspiration hazard: Not classifiedViscosity, kinematic: Not classifiedPotential Adverse human health effects and symptoms: Danger of serious damage to health by prolonged exposure through inhalation.Symptoms/effects after inhalation: Danger of serious damage to health by prolonged exposure through inhalation. May cause cancer by inhalation.Symptoms/effects after skin contact: Causes skin irritation.	Reproductive toxicity :	Not classified	
Aspiration hazard       : Not classified         Viscosity, kinematic       : Not Applicable         Potential Adverse human health effects and symptoms       : Danger of serious damage to health by prolonged exposure through inhalation.         Symptoms/effects after inhalation       : Danger of serious damage to health by prolonged exposure through inhalation. May cause cancer by inhalation.         Symptoms/effects after skin contact       : Causes skin irritation.	STOT-single exposure :	Not classified	
Viscosity, kinematic       : Not Applicable         Potential Adverse human health effects and symptoms       : Danger of serious damage to health by prolonged exposure through inhalation.         Symptoms/effects after inhalation       : Danger of serious damage to health by prolonged exposure through inhalation. May cause cancer by inhalation.         Symptoms/effects after skin contact       : Causes skin irritation.	STOT-repeated exposure :		
Potential Adverse human health effects and symptoms       : Danger of serious damage to health by prolonged exposure through inhalation.         Symptoms/effects after inhalation       : Danger of serious damage to health by prolonged exposure through inhalation. May cause cancer by inhalation.         Symptoms/effects after skin contact       : Causes skin irritation.	Aspiration hazard :		
symptoms       : Danger of serious damage to health by prolonged exposure through inhalation. May cause cancer by inhalation.         Symptoms/effects after skin contact       : Causes skin irritation.	-		
Symptoms/effects after inhalation       : Danger of serious damage to health by prolonged exposure through inhalation. May cause cancer by inhalation.         Symptoms/effects after skin contact       : Causes skin irritation.	symptoms	Danger or senous damage to nearly by prolonged exposure through innalation.	
Symptoms/effects after skin contact : Causes skin irritation.	Symptoms/effects after inhalation :		
	Symptoms/effects after skin contact :		

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SECTION 12: Ecological information	
12.1. Toxicity	
No additional information available	
12.2. Persistence and degradability	
QuikLite 4LI (Mixture)	
Persistence and degradability	Not established.
cristobalite (14464-46-1)	
Persistence and degradability	Mineral. Not applicable.
Chemical oxygen demand (COD)	Not applicable
ThOD	Not applicable
BOD (% of ThOD)	Not applicable
quartz (14808-60-7)	
Persistence and degradability	Not applicable.
Biochemical oxygen demand (BOD)	Not applicable
Chemical oxygen demand (COD)	Not applicable
ThOD	Not applicable
12.3. Bioaccumulative potential	
QuikLite 4LI (Mixture)	
Bioaccumulative potential	Not established.
cristobalite (14464-46-1)	
Bioaccumulative potential	No data available.
quartz (14808-60-7)	
Bioaccumulative potential	No data available.
12.4. Mobility in soil	
cristobalite (14464-46-1)	
Ecology - soil	No data available.
12.5. Other adverse effects	
5 5	None known No other effects known.
SECTION 13: Disposal considerations	
13.1. Disposal methods	
	Dispose in a safe manner in accordance with local/national regulations. Avoid release to the environment.
SECTION 14: Transport information	
In accordance with DOT / TDG / IMDG / IATA Department of Transportation (DOT) In accordance with DOT Not regulated Transportation of Dangerous Goods Not regulated Transport by sea Not regulated Air transport Not regulated	

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#### **SECTION 15: Regulatory information**

#### **15.1. US Federal regulations**

All components of this product are present and listed as Active on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory

#### **15.2. International regulations**

CANADA

Calcium Aluminate Cement (65997-16-2)

Listed on the Canadian DSL (Domestic Substances List)

cristobalite (14464-46-1)

Listed on the Canadian DSL (Domestic Substances List)

**EU-Regulations** 

No additional information available **National regulations** 

quartz (14808-60-7)

Listed on IARC (International Agency for Research on Cancer)

15.3. US State regulations

QuikLite 4LI (Mixture)

U.S. - California - Proposition 65 - Other information This product contains crystalline silica, a chemical known to the state of California to cause cancer. For more information go to WWW.P65Warnings.ca.gov

cristobalite (14464-46-	1)				
U.S California - Proposition 65 - Carcinogens List	U.S California - Proposition 65 - Developmental Toxicity	Proposition 65 - Reproductive Toxicity	U.S California - Proposition 65 - Reproductive Toxicity	No significant risk level (NSRL)	Maximum allowable dose level (MADL)
		- Female	- Male		
Yes	No	No	No		

quartz (14808-60-7)	)				
U.S California -	U.S California -	U.S California -	U.S California -	No significant risk	Maximum allowable
Proposition 65 -	Proposition 65 -	Proposition 65 -	Proposition 65 -	level (NSRL)	dose level (MADL)
Carcinogens List	Developmental Toxicity	Reproductive Toxicity	Reproductive Toxicity	, ,	
, i i i i i i i i i i i i i i i i i i i		- Female	- Male		
Yes	No	No	No		

Component	State or local regulations
Cristobalite (14464-46-1)	U.S Massachusetts - Right To Know List; U.S New Jersey - Right to Know Hazardous
	Substance List; U.S Pennsylvania - RTK (Right to Know) List
Quartz (14808-60-7)	U.S New Jersey - Right to Know Hazardous Substance List
SECTION 16: Other information	on j
according to Federal Register / Vol. 77,	No. 58 / Monday, March 26, 2012 / Rules and Regulations
Revision date	: 6/13/2024
Other information	: Report language name. English. In the event of any conflict between English and other language

Full text of H-	phrases
H315	Causes skin irritation
H320	Causes eye irritation
H350	May cause cancer

Safety Data Sheet (SDS), USA

This information and recommendations set forth herein are taken from sources believed to be accurate as of the date herein, however, Resco Products, Inc. makes no warranty with respect to the accuracy of the information or the suitability of the recommendations, and assumes no liability to any user thereof.