



# Safety Data Sheet

## Section 1. Identification

**GHS product identifier** : Earth Shield® Type 125CR

**Other means of identification** : Strip Waterstop

### **Relevant identified uses of the substance or mixture and uses advised against**

Not available

**Supplier's details** : J P Specialties, Inc.  
25811 Jefferson Avenue  
Murrieta, CA 92562  
Tel.: 1-800-821-3859  
Fax: 1-951-763-7074  
Website URL: [www.jp-specialties.com](http://www.jp-specialties.com)

**Emergency telephone number (with hours of operation)** : 1-951-763-7077  
(7am to 3:30pm PST)



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## Section 2. Hazards Identification

Since the product is in paste form, the risk of exposure to a carcinogen dust is minimum, this is why the related hazard statements are not shown in this SDS.

**OSHA/HCS status** : While this material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200), this SDS contains valuable information critical to the safe handling and proper use of the product. This SDS should be retained and available for employees and other users of this product.

**Classification of the substance or mixture** : Not classified

### GHS label elements

**Signal word** : No signal word

**Hazard statements** : No known significant effects or critical hazards.

### Precautionary statements

**General** : Read label before use. Keep out of reach of children. If medical advice is needed, have product container or label at hand.

**Prevention** : Not applicable

**Response** : Not applicable

**Storage** : Not applicable

**Disposal** : Not applicable

**Hazards not otherwise classified** : None known



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## Section 3. Composition/information on ingredients

**Substance/mixture** : Mixture  
**Other means of identification** : Strip Waterstop

### CAS number/other identifiers

**CAS number** : Not applicable  
**Product code** : 14099

Ingredient name	%	CAS number
Crystalline silica, quartz	1-5	14808-60-7

Any concentration shown as a range is to protect confidentiality or is due to batch variation.

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

Occupational exposure limits, if available, are listed in Section 8.

## Section 4. First aid measures

### Description of necessary first aid measures

**Eye contact** : Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.

**Inhalation** : Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.

**Skin contact** : Flush contaminated skin with plenty of water. Get medical attention if symptoms occur.

**Ingestion** : Wash mouth out with water. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.

### Most important symptoms/effects, acute and delayed

#### Potential acute health effects

**Eye contact** : No known significant effects or critical hazards.  
**Inhalation** : No known significant effects or critical hazards.  
**Skin contact** : No known significant effects or critical hazards.



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## Section 4. First aid measures

**Ingestion** : No known significant effects or critical hazards.

### Over-exposure signs/symptoms

**Eye contact** : No known significant effects or critical hazards.

**Inhalation** : No known significant effects or critical hazards.

**Skin contact** : No known significant effects or critical hazards.

**Ingestion** : No known significant effects or critical hazards.

### Indication of immediate medical attention and special treatment needed, if necessary

**Notes to physician** : Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.

**Specific treatments** : None available.

**Protection of first-aiders** : Not available.

## Section 5. Firefighting measures

### Extinguishing media

**Suitable extinguishing media** : Carbon dioxide, dry chemical, foam and water fog or spray.

**Unsuitable extinguishing media** : None known

**Specific hazards arising from the chemical** : No specific fire or explosion hazard.

**Hazardous thermal decomposition products** : Decomposition materials may include the following materials:  
carbon dioxide  
carbon monoxide

**Special protective actions for firefighters** : No special measures are required.

**Special protective equipment for firefighters** : Firefighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.



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## Section 6. Accidental release measures

### Personal precautions, protective equipment and emergency procedures

- For non-emergency personnel** : No action shall be taken involving any personal risk or without suitable training. Put on appropriate personal protective equipment.
- For emergency responders** : If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel."
- Environmental precautions** : None require if used according to recommended conditions.

### Methods and materials for contaminant and cleaning up

- Spill** : Not applicable

## Section 7. Handling and storage

### Precautions for safe handling

- Protective measures** : Put on appropriate personal protective equipment (see Section 8).
- Advice on general occupational hygiene** : Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and faces before eating, drinking and smoking. See also Section 8 for additional information on hygiene measures.
- Conditions for safe storage, including any incompatibilities** : Store in accordance with local regulations. Store away from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Do not store in unlabeled containers.



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## Section 8. Exposure Controls / Personal Protection

### Control parameters

#### Occupational exposure limits

Ingredient name	Exposure limits
Crystalline silica, quartz	<b>OSHA PEL Z3 (United States, 2/2013).</b> TWA: 10 mg/m <sup>3</sup> 8 hours. Form: Respirable TWA: 250 mppcf 8 hours. Form: Respirable <b>NIOSH REL (United States, 10/2013).</b> TWA: 0.05 mg/m <sup>3</sup> 10 hours. Form: Respirable dust. <b>ACGIH TLV (United States, 4/2014).</b> TWA: 0.025 mg/m <sup>3</sup> 8 hours. Form: Respirable fraction

**Appropriate engineering controls** : Good general ventilation should be sufficient to control worker exposure to airborne contaminants.

**Environmental exposure controls** : Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation.

### Individual protection measures

**Hygiene measures** : Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period.

**Eye/face protection** : Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: safety glasses with side-shields.

### Skin protection

**Hand protection** : Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this necessary.

**Body protection** : N/A

**Other skin protection** : N/A

**Respiratory protection** : Not necessary with normal use of product.



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## Section 9. Physical and Chemical Properties

### Appearance

<b>Physical state</b>	: Solid
<b>Color</b>	: Not available
<b>Odor</b>	: Not available
<b>Odor threshold</b>	: Not available
<b>pH</b>	: Not available
<b>Melting point</b>	: Not available
<b>Boiling point</b>	: Not available
<b>Flash point</b>	: Not available
<b>Burning time</b>	: Not available
<b>Burning rate</b>	: Not available
<b>Evaporation rate</b>	: Not available
<b>Flammability (solid, gas)</b>	: Not available
<b>Lower and upper explosive (flammable) limits</b>	: Not available
<b>Vapor pressure</b>	: Not available
<b>Vapor density</b>	: Not available
<b>Relative density</b>	: Not available
<b>Solubility</b>	: Not available
<b>Solubility in water</b>	: Not available
<b>Partition coefficient n-octanol/water</b>	: Not available
<b>Auto-ignition temperature</b>	: Not available
<b>Decomposition temperature</b>	: Not available
<b>SADT</b>	: Not available



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## Section 10. Stability and Reactivity

- Reactivity** : No specific test data related to reactivity available for this product or its ingredients.
- Chemical stability** : The product is stable.
- Possibility of hazardous reactions** : Under normal conditions of storage and use, hazardous reactions will not occur.
- Conditions to avoid** : No specific data.
- Incompatible materials** : Reactive or incompatible with the following materials: oxidizing materials. Non-reactive or compatible with the following materials: reducing materials, combustible materials, organic materials, metals, acids, alkalis, and moisture.
- Hazardous decomposition products** : Under normal conditions of storage and use, hazardous decomposition products should not be produced.

## Section 11. Toxicological Information

### Information on toxicological effects

#### **Acute toxicity**

Product/ingredient name	Result	Species	Dose	Exposure

#### **Irritation/Corrosion**

Product/ingredient name	Result	Species	Score	Exposure	Observation

#### **Sensitization**

**Skin** : There is no data available

**Respiratory** : There is no data available

#### **Mutagenicity**

There is no data available





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## Section 11. Toxicological Information

### Carcinogenicity Classification

Product/ ingredient name	OSHA	IARC	NTP
Crystalline silica, quartz	-	1	Known to be human carcinogen

There is no data available

### Reproductive toxicity

There is no data available

### Teratogenicity

There is no data available

### Specific target organ toxicity (single exposure)

There is no data available

### Specific target organ toxicity (repeated exposure)

NAME	Category	Route of exposure	Target organs
Crystalline silica, quartz	Category 1	Inhalation	Kidneys, respiratory tract and testes

### Aspiration hazard

There is no data available

**Information on the likely routes of exposure** : Route of entry anticipated: oral, dermal.

### Potential acute health effects

**Eye contact** : No known significant effects or critical hazards.

**Inhalation** : No known significant effects or critical hazards.

**Skin contact** : No known significant effects or critical hazards.

**Ingestion** : No known significant effects or critical hazards.

### Symptoms related to the physical, chemical and toxicological characteristics



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## Section 11. Toxicological Information

- Eye contact** : No known significant effects or critical hazards.
- Inhalation** : No known significant effects or critical hazards.
- Skin contact** : No known significant effects or critical hazards.
- Ingestion** : No known significant effects or critical hazards.

### Delayed and immediate effects and also chronic effects from short and long term exposure

#### Short term exposure

- Potential immediate effects** : No known significant effects or critical hazards.

#### Long term exposure

- Potential immediate effects** : No known significant effects or critical hazards.
- Potential delayed effects** : No known significant effects or critical hazards.

#### Potential chronic health effects

- General** : No known significant effects or critical hazards.
- Carcinogenicity** : No known significant effects or critical hazards.
- Mutagenicity** : No known significant effects or critical hazards.
- Teratogenicity** : No known significant effects or critical hazards.
- Developmental effects** : No known significant effects or critical hazards.
- Fertility effects** : No known significant effects or critical hazards.

#### Numerical measures of toxicity

##### Acute toxicity estimates

Route	ATE value



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## Section 12. Ecological Information

### Toxicity

Product/ingredient name	Result	Species	Exposure

### Persistence and degradability

There is no data available

### Bioaccumulative potential

Product/ingredient name	LogP <sub>ow</sub>	BCF	Potential

### Mobility in soil

**Soil/water partition coefficient (K<sub>oc</sub>)** : Not available

**Other adverse effects** : No known significant effects or critical hazards.



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## Section 13. Disposal Considerations

**Disposal methods** : The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Empty containers or liners may retain some product residues.

## Section 14. Transport Information

	<b>DOT Classification</b>	<b>IMDG</b>	<b>IATA</b>
<b>UN number</b>	Not regulated	Not regulated	Not regulated
<b>UN proper shipping name</b>	-	-	-
<b>Transport hazard class(es)</b>	-	-	-
<b>Packing group</b>	-	-	-
<b>Environmental hazards</b>	No.	No.	No.
<b>Additional information</b>	-	-	-

**Special precautions for user** : **Transport within user's premises:** always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

**Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code** : Not available



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## Section 15. Regulatory Information

**U.S. Federal regulations** : **TSCA 8(a) CDR Exempt/Partial exemption:** Not determined  
**United States inventory (TSCA 8b):** All components are listed or exempt.

**Clean Air Act Section 112 (b) Hazardous Air Pollutants (HAPs)** : Not Listed

**Clean Air Act Section 602 Class I Substances** : Not listed

**Clean Air Act Section 602 Class II Substances** : Not listed

**DEA List I Chemicals (Precursor Chemicals)** : Not listed

**DEA List II Chemicals (Essential Chemicals)** : Not listed

### SARA 302/304

#### Composition/information on ingredients

Name	%	EHS	SARA 302 TPQ		SARA 304 RQ	
			(lbs)	(gallons)	(lbs)	(gallons)
Acrylonitrile	0-0.1	Yes.	10000	1488	100	14.9

**SARA 304 RQ** : 917515.4 lbs / 416552 kg

### SARA 311/312

**Classification** : Not applicable

#### Composition/information on ingredients

Name	%	Fire hazard	Sudden release of pressure	Reactive	Immediate (acute) health hazard	Delayed (chronic) health hazard
Crystalline silica, quartz	1-5	No.	No.	No.	No.	Yes.

### SARA 313

Product name	CAS number	%



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## Section 15. Regulatory Information

<b>Form R – Reporting requirements</b>			
<b>Supplier notification</b>			

SARA 313 notifications must not be detached from the SDS and any copying and redistribution of the SDS shall include copying and redistribution of the notice attached to copies of the SDS subsequently redistributed.

### State regulations

- Massachusetts** : The following components are listed: Talc; Magnesium carbonate; crystalline silica, quartz
- New York** : None of the components are listed.
- New Jersey** : The following components are listed: Talc; Magnesium carbonate; crystalline silica, quartz
- Pennsylvania** : The following components are listed: Talc; Crystalline silica, quartz

### California Prop. 65

**WARNING:** This product contains a chemical known to the State of California to cause cancer.  
**WARNING:** This product contains less than 1% of a chemical known to the State of California to cause birth defects or other reproductive harm.

<b>Ingredient name</b>	<b>Cancer</b>	<b>Reproductive</b>	<b>No significant risk level</b>	<b>Maximum acceptable dosage level</b>
Crystalline silica, quartz	Yes.	No.	No.	No.
Acrylonitrile	Yes.	No.	Yes.	No.
1,3-Butadiene	Yes.	Yes.	Yes.	No.

### International regulations

- International lists** : **Australia inventory (AICS):** Not determined.  
**China inventory (IECSC):** All components are listed or exempted.  
**Japan inventory:** Not determined.  
**Korea inventory:** All components are listed or exempted.  
**Malaysia Inventory (EHS Register):** Not determined.  
**New Zealand Inventory of Chemicals (NZIoC):** Not determined.  
**Philippines inventory (PICCS):** All components are listed or exempted.  
**Taiwan inventory (CSNN):** Not determined.
- Chemical Weapons Convention List Schedule I Chemicals** : Not listed



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## Section 15. Regulatory Information

**Chemical Weapons** : Not listed  
**Convention List**  
**Schedule II Chemicals**

**Chemical Weapons** : Not listed  
**Convention List**  
**Schedule III**  
**Chemicals**



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## Section 16. Other Information

### History

**Date of issue mm/dd/yyyy** : 11/09/2015  
**Version** : 1  
**Revised sections** : Not applicable  
**Prepared by** : J P Specialties, Inc.

### Key to abbreviations

ACGIH - American Conference of Governmental Industrial Hygienists  
AICS - Australian Inventory of Chemical Substances  
ATE - Acute Toxicity Estimate  
BCF - Bioconcentration Factor  
CSNN - Taiwan Existing (Chemicals and Substances Nomination and Notification)  
DEA - Drug Enforcement Agency  
DOT - Department of Transportation  
GHS - Globally Harmonized System of Classification and Labeling of Chemicals  
HCS - Hazardous Communication Standard  
IARC - International Agency for Research on Cancer  
IATA - International Air Transport Association  
IBC - Intermediate Bulk Container  
IECSC - Inventory of Existing Chemical Substances Produced or Imported in China  
IMDG - International Maritime Dangerous Goods  
LogPow - logarithm of the octanol/water partition coefficient  
MARPOL 73/78 - International Convention for the Prevention of Pollution From Ships 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution)  
NIOSH - National Institute of Occupational Safety and Health  
NTP - National Toxicology Program  
NZLOC - New Zealand List of Chemicals  
SADT - Self Accelerating Decomposition Temperature

### Notice to reader

To the best of our knowledge, the information contained herein is believed to be accurate at the time of preparation and obtained from sources believed to be reliable. However, neither the above-named supplier, nor any of its subsidiaries, assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

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