

Issue date: 4/12/2023

Reviewed on: 12/15/2025

### 1: Identification

#### Product identifier

Trade name Slurry Filler Products - EG-44, RC-32 Low Sodium Low Solids, Acme, WP

#### Other means of identification

CAS Number 1332-58-7; 14808-60-7

Synonyms No information available.

**Recommended use of the chemical and restrictions on use** No further relevant information available.

#### Product description

Mineral pigment, or filler primarily used in paper, paper coatings, paints adhesives, fluid cracking catalysts and plastic formulations.

#### Manufacturer/Importer/Supplier/Distributor information

Thiele Kaolin Company  
520 Kaolin Road  
P.O. Box 1056  
Sandersville, Georgia 31082 U.S.A.  
(478) 552-3951

Email

[SafetyDataSheet@thielekaolin.com](mailto:SafetyDataSheet@thielekaolin.com)

Website

Thielekaolin.com

#### Emergency phone number

Contact Person

Regulatory Administrator

Emergency phone number

For Hazardous Materials [or Dangerous Goods] Incident  
Spill, Leak, Fire, Exposure, or Accident  
Call CHEMTREC  
+1 703-741-5971 / 1-800-424-9300 CCN 1010246

### 2: Hazard(s) identification

#### Classification of the substance or mixture in accordance with paragraph (d)(1)(i) of Sec. 1910.1200.

The product is not hazardous according to OSHA HazCom Standard 29 CFR paragraph (d)(1)(i) of Sec. 1910.1200 and GHS Rev 07.

#### GHS classification

Physical hazards Not classified.

Health hazards Not classified.

Environmental hazards Not classified.

#### GHS label elements

Hazard pictograms Non-Regulated Material.

Signal word Non-Regulated Material.

Hazard statements Non-Regulated Material.

Precautionary statements Non-Regulated Material.

#### Hazards classified under paragraph (d)(1)(ii) of Sec. 1910.1200.

No information available.

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### Hazard(s) not otherwise Classified (HNOC)

Silicon dioxide (present in this product) has been classified under GHS as a respirable hazard between 5-10 microns in particulate form. Since this product is slurry, this hazard does not apply. However, if the product is used in a dry form, please take care and use appropriate PPE.

### Ingredients(s) with Unknown Acute Toxicity in the mixture at a concentration $\geq 1\%$

No information available.

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## 3: Composition/information on ingredients

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### Substances

No	Chemical name	CAS number	%
1	Kaolin	1332-58-7	>98.5
2	Quartz (in solution)*	14808-60-7	<1

### (\*) Hazardous Ingredient

**Impurity Disclosure:** Crystalline silica (quartz) may be present as a naturally occurring impurity in this material. Hazard classifications associated with crystalline silica are related to inhalation of respirable dust particles that may be generated during processing, handling, or use.

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## 4: First-aid measures

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### Description of first aid measures

Inhalation                      Supply fresh air; consult doctor in case of complaints.  
Ingestion                        If large quantities are ingested, seek medical advice.  
Skin contact                    Wash with soap and water. If skin irritation occurs, consult a doctor.  
Eye contact                      Rinse opened eye for at least 15 minutes under running water. If symptoms persist, consult a doctor.

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

No further relevant information available.

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

Provide general supportive measures and treat symptomatically. Keep victim under observation. Symptoms may be delayed.

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## 5: Fire-fighting measures

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### Suitable (and unsuitable) extinguishing media

Suitable extinguishing media                      CO<sub>2</sub>, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

Unsuitable extinguishing media                    None known.

**Special hazards arising from the substance or mixture**                      Non-combustible, substance itself does not burn.

### Protective equipment for firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand (NIOSH approved or equivalent), and full protective gear to prevent contact with skin and eyes.

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### 6: Accidental release measures

#### Personal precautions, protective equipment and emergency procedures

Wear protective equipment. Keep unprotected persons away.

#### Environmental precautions

Do not allow to enter sewers/ surface or ground water.

#### Methods and materials for containment and cleaning up

Ensure adequate ventilation. Dispose contaminated material as waste according to section 13. Absorb with liquid-binding material (i.e., sand, diatomite, acid binders, universal binders, sawdust).

#### 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

Ensure good ventilation/exhaustion at the workplace.

Avoid prolonged or repeated exposure.

#### Conditions for safe storage, including any incompatibilities

##### Conditions for safe storage

Store in a cool, dry place. Store in a well-ventilated place. Keep receptacle tightly sealed.

##### Incompatible materials

None known.

### 8: Exposure controls/personal protection

#### Control parameters

#### Occupational exposure limits

Silicon dioxide (present in this product) poses a respirable hazard between 5-10 microns in particulate form. Since this product is slurry, this hazard does not apply, but information on the particulate form has been included for completeness.

US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1053)		
Components	Type	Value
Quartz (SiO <sub>2</sub> )(CAS#14808-60-7)	TWA	0.05 mg/m <sup>3</sup>

US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)		
Components	Type	Value
Kaolin (CAS# 1332-58-7)	TWA	15 mg/m <sup>3</sup> (total dust) 5 mg/m <sup>3</sup> (respirable fraction)

#### US. OSHA Table Z-2 (29 CFR 1910.1000)

None of the ingredients in this product is listed.

US. OSHA Table Z-3 (29 CFR 1910.1000)		
Components	Type	Value

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Quartz (SiO <sub>2</sub> )(CAS#14808-60-7)	TWA	250/(%SiO <sub>2</sub> +5) mppcf (Respirable) 10/(%SiO <sub>2</sub> +2) mg/m <sup>3</sup> (Respirable) 30/(%SiO <sub>2</sub> +2) mg/m <sup>3</sup> (Total dust)
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US. ACGIH Threshold Limit Values		
Components	Type	Value
Kaolin (CAS# 1332-58-7)	TWA (TLV)	2 mg/m <sup>3</sup> (no asbestos and < 1% crystalline silica) (respirable fraction)
Quartz (SiO <sub>2</sub> )(CAS#14808-60-7)	TWA (TLV)	0.025 mg/m <sup>3</sup> (Respirable)

US. NIOSH: Pocket Guide to Chemical Hazards		
Components	Type	Value
Kaolin (CAS# 1332-58-7)	TWA (REL)	10 mg/m <sup>3</sup> (total dust) 5 mg/m <sup>3</sup> (respirable fraction)
Quartz (SiO <sub>2</sub> )(CAS#14808-60-7)	TWA (REL)	0.05 mg/m <sup>3</sup>

**Additional information:** The lists that were valid during the creation of this SDS were used as basis.

### Protective equipment



#### Appropriate engineering controls Respiratory equipment

No information available.  
If the product is used in a dry form, please take care and use appropriate respiratory protection.

#### Hand protection Eye protection

Wear protective gloves.  
Wear safety glasses.

#### Other protection

No information available.

#### General hygiene considerations

Keep away from foodstuffs, beverages and feed.  
Immediately remove all soiled and contaminated clothing and wash before reuse. Wash hands before breaks and at the end of work.

## 9: Physical and chemical properties

#### Physical state

Slurry.

#### Color

White.

#### Odor (includes odor threshold)

Odorless (Not determined).

#### Melting point/freezing point

Not applicable.

#### Boiling point (or initial boiling point or boiling range)

Not determined.

#### Flammability

Not available.

#### Danger of explosion

Product does not present an explosion hazard.

#### Lower explosion limit/flammability limit

No information available.

#### Upper explosion limit/flammability limit

No information available.

#### Flash point

Not applicable.

#### Ignition temperature

Not determined.

#### Auto-ignition temperature

Product is not self-igniting.

#### Decomposition temperature

550 °C (1022 °F) (Dehydroxylation)

#### pH

6.5 - 10.5 (Varies by product)

#### Kinematic viscosity

Not applicable.

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Solubility (Water)	Not determined.
Partition coefficient n-octanol/water (log value)	Not determined.
Vapor pressure (includes evaporation rate)	Not applicable.
Density and/or relative density @ 20 °C (68 °F)	2.63
Relative vapor density	Not applicable.
Particle characteristics	No information available.
Organic solvents	0.0 %
Percent solids by Wt	Varies by product.
Other information	No further relevant information available.

## 10: Stability and reactivity

Reactivity	No further relevant information available.
Chemical stability	Stable under normal conditions.
Possibility of hazardous reactions, including those associated with foreseeable emergencies	No dangerous reactions known.
Conditions to avoid	No decomposition if used according to specifications.
Incompatible materials	None known.
Hazardous decomposition products	No dangerous decomposition products known.

## 11: Toxicological information

### Information on likely routes of exposure

Ingestion	No information available.
Inhalation	No information available.
Skin contact	Mild irritant effect.
Eye contact	Mild irritant effect.
Symptoms related to the physical, chemical and toxicological characteristics	No information available.
Delayed and immediate effects and also chronic effects from short- and long-term exposure	No information available.

### Numerical measures of toxicity

Components	Test	Species	Test Results
Kaolin (CAS#1332-58-7)	Oral LD <sub>50</sub>	Rat	>5000 mg/kg
	Dermal LD <sub>50</sub>	Rat	>5000 mg/kg

### Interactive effects

No information available.

Acute toxicity	No information available.
Skin corrosion/irritation	No information available.
Serious eye damage/eye irritation	No information available.
Respiratory or skin sensitization	
Respiratory sensitization	No information available.
Skin sensitization	No information available.
Germ cell mutagenicity	No Information available.

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### Carcinogenicity

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

Group 1 - Carcinogenic to humans

Group 2A - Probably carcinogenic to humans

Group 2B - Possibly carcinogenic to humans

Group 3 - Not classifiable as to its carcinogenicity to humans

Group 4 - Probably not carcinogenic to humans

Silicon dioxide (present in this product) poses a respirable hazard between 5-10 microns in particulate form. Since this product is slurry, this hazard does not apply, but information on the particulate form has been included for completeness.

"In 1997, IARC (the International Agency for Research on Cancer) concluded that crystalline silica inhaled from occupational sources can cause lung cancer in humans. However, in making the overall evaluation, IARC noted that "carcinogenicity was not detected in all industrial circumstances studied. Carcinogenicity may be dependent on inherent characteristics of the crystalline silica or on external factors affecting its biological activity or distribution of its polymorphs." (IARC Monographs on the evaluation of the carcinogenic risks of Chemicals to humans, Silica, silicate dust and organic fibers, 1997, Vol. 68, IARC, Lyon, France.) In June 2003, SCOEL (the EU Scientific Committee on Occupational Exposure Limits) concluded that the main effect in humans of the inhalation of respirable crystalline silica dust is silicosis. "There is sufficient information to Conclude that the relative risk of lung cancer is increased in persons with silicosis (and, apparently, not in employees without silicosis exposed to silica dust in quarries and in the ceramic industry). Therefore, preventing the onset of silicosis will also reduce the cancer risk..." (SCOEL SUM Doc 94-final, June 2003) According to the current state of the art, worker protection against silicosis can be consistently assured by respecting the existing regulatory occupational exposure limits. May cause cancer. Occupational exposure to respirable dust and respirable crystalline silica should be monitored and controlled."

Quartz (SiO<sub>2</sub>) (CAS#14808-60-7) - 1

#### NTP (National Toxicology Program)

Quartz (SiO<sub>2</sub>) (CAS#14808-60-7) - K

#### OSHA-Ca (Occupational Safety & Health Administration)

None of the ingredients are listed.

No information available.

### Reproductive toxicity

#### Specific target organ toxicity - single exposure

No information available.

#### Specific target organ toxicity - repeated exposure

No information available.

### Aspiration hazard

No information available.

### Additional toxicological information

The product is not subject to classification according to internally approved calculation methods for preparations.

When used or handled in a manner that does not result in the generation of dust, the product does not pose a hazard.

Precautionary and protective measures should be taken nonetheless.

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### 12: Ecological information

Ecotoxicity	Not known to be hazardous to water.
Persistence and degradability	No further relevant information available.
Bioaccumulative potential	No further relevant information available.
Mobility in soil	No further relevant information available.
Other adverse effects	No further relevant information available.

### 13: Disposal considerations

Disposal instructions	Dispose of contents/container in accordance with local, regional, national, and international regulations.
Additional Information	Use water in addition to cleansing agents. Continue to observe all precautions.
Ecology - Waste Materials	Avoid release to the environment.

### 14: Transport information

UN number (DOT, ADN, IMDG, IATA, ADR)	Non-Regulated Material.
UN proper shipping name (DOT, ADN, IMDG, IATA, ADR)	Non-Regulated Material.
Transport hazard class(es) (DOT, ADN, IMDG, IATA, ADR)	Non-Regulated Material.
Packing group (DOT, ADN, IMDG, IATA, ADR)	Non-Regulated Material.
Environmental hazards	Not applicable.
Transport in bulk according to IMO instruments	Not applicable.
Special precautions for user	Not applicable.

### 15: Regulatory information

#### Safety, health and environmental regulations/legislation specific for the substance or mixture

Sara

#### Section 355 (extremely hazardous substances)

None of the ingredients are listed.

#### Section 313 (Specific toxic chemical listings)

None of the ingredients are listed.

#### TSCA (Toxic Substances Control Act)

All ingredients are listed.

#### California Proposition 65



**WARNING:** Because the raw materials for our products come from the earth, our products may contain titanium dioxide and trace amounts of naturally-occurring crystalline silica and heavy metals found on the Prop 65 list including

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antimony, arsenic, beryllium, cadmium, cobalt, lead, nickel, vanadium, mercury, and hexavalent chromium, which are present at levels far below those covered by the Hazard Communication Standard. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

Silicon dioxide (present in this product) poses a respirable hazard between 5-10 microns in particulate form. Since this product is slurry, this hazard does not apply, but information on the particulate form has been included for completeness.

### California Proposition 65 - CRT: Listed date/ Chemicals known to cause cancer

Quartz (SiO<sub>2</sub>) (CAS#14808-60-7) - Listed date: October 1, 1988

### Carcinogenic categories

#### EPA (Environmental Protection Agency)

None of the ingredients are listed.

### NIOSH-Ca (National Institute for Occupational Safety and Health)

Quartz (SiO<sub>2</sub>)(CAS#14808-60-7)

### National regulations:

The product is subject to be classified according with the latest version of the regulations on hazardous substances.

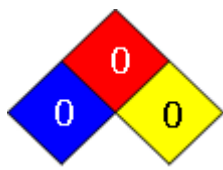
### State Right to Know-RTK (Listed substances)

Massachusetts RTK	None of the ingredients are listed.
New Jersey RTK	Kaolin (CAS#1332-58-7), Quartz (CAS#14808-60-7)
Pennsylvania RTK	Kaolin (CAS#1332-58-7), Quartz (CAS#14808-60-7)

## 16: Other information

Information Sources	OSHA HazCom Standard 29 CFR 1910.1200(g) and GHS Rev 07.
Date of preparation / last revision	12/15/2025
Revision	4

### National Fire Protection Association (NFPA) Classification system - NFPA ratings (scale 0 - 4)



Health = 0  
Fire = 0  
Reactivity = 0

### Hazardous Materials Identification System (HMIS) Classification System - HMIS-ratings (scale 0 - 4)



Health = 0  
Flammability = 0  
Reactivity = 0

The "\*" represents a chronic hazard, while the "/" represents the absence of a chronic hazard.

### Abbreviations and acronyms

## Trade name: Slurry Filler Products

<b>ACGIH</b>	: American Conference of Governmental Industrial Hygienists
<b>ADR</b>	: The European Agreement concerning the International Carriage of Dangerous Goods by Road
<b>ADN</b>	: The European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
<b>AIIC</b>	: Australian Inventory of Industrial Chemicals
<b>CAS</b>	: Chemical Abstracts Service (division of the American Chemical Society)
<b>DSL</b>	: Domestic Substances List
<b>DOT</b>	: US Department of Transportation
<b>ECL</b>	: Korea Existing Chemicals List
<b>EINECS</b>	: European inventory of Existing Commercial chemical Substances
<b>ELINCS</b>	: European List of Notified Chemical Substances
<b>ENCS</b>	: Existing and New Chemical Substances Inventory
<b>HMIS</b>	: Hazardous Materials Identification System (USA)
<b>IATA</b>	: International Air Transport Association
<b>IECSC</b>	: Inventory of Existing Chemical Substances in China
<b>IMDG</b>	: International Maritime Code for Dangerous Goods
<b>NDSL</b>	: Non-domestic Substance List
<b>NFPA</b>	: National Fire Protection Association (USA)
<b>NLP</b>	: No-longer Polymers
<b>NZIoC</b>	: New Zealand Inventory of Chemicals
<b>PICCS</b>	: Philippine Inventory of Chemicals and Chemical Substances
<b>TCSI</b>	: Taiwan Chemical Substance Inventory

### Disclaimer

The information contained herein is believed to be true and accurate and is intended to meet the globally harmonized version of the U.S. OSHA Hazard Communication Standard, 29 CFR 1910.1200, adopted on May 20, 2024. However, all statements, recommendations or suggestions are made without any guarantee, representation or warranty, express or implied, by Thiele Kaolin Company. Therefore, Thiele Kaolin Company neither makes nor implies any warranty that the information set out in this document is accurate or complete, and we accordingly exclude all liability in connection with the use of this information or the products referred to herein. All such risks are assumed by the purchaser/user. Thiele Kaolin Company cannot anticipate all conditions under which this information and our product, or the products of other manufacturers in combination with our product, may be used. It is the purchaser's/user's responsibility to ensure safe conditions for handling, storage and disposal of the product.