

Issue date: 4/12/2023

Reviewed on: 12/15/2025

### 1: Identification

#### Product identifier

Trade name  
Spray Dried Kaoprime/Kaoplate Series - Kaoprime 11, Kaoprime 15, Kaoprime 19, Kaoprime 21, Kaoprime 22, Kaoprime 27, Kaoprime 38, Kaoprime 42, Kaoprime 47, Kaoplate 13, Kaoplate 17, Kaoplate 25, Kaoplate 30, Kaoplate 33

#### Other means of identification

CAS Number 1332-58-7  
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, rubber 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 based on the supplied form and potential for dust formation.

#### 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.

## Trade name: Spray Dried Kaoprime/Kaoplate Series

No information available.

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

None known.

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

No information available.

## 3: Composition/information on ingredients

### Substances

No	Chemical name	CAS number	%
1	Kaolin	1332-58-7	>99

This product is provided in a powder form. Crystalline silica (quartz) is present as a naturally occurring impurity in this product. Hazard classifications associated with crystalline silica are related to inhalation of respirable dust particles that may be generated during processing, handling, or use. Precautionary measures should be taken to eliminate exposure to dusts.

## 4: First-aid measures

### 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 several minutes under running water.

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

Dusts may irritate the respiratory tract, skin and eyes. Symptoms may include coughing. Discomfort in the chest and shortness of breath. Prolonged exposure may cause chronic effects.

### 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.

**General information** No special measures required.

## 5: Fire-fighting measures

### 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.

### Special protective equipment and precautions for fire-fighters

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.

## 6: Accidental release measures

## Trade name: Spray Dried Kaoprime/Kaoplate Series

### Personal precautions, protective equipment and emergency procedures

### Methods and materials for containment and cleaning up

Wear protective equipment. Keep unprotected persons away. Avoid formation of dust.

Ensure adequate ventilation.

Avoid the formation of dust.

Avoid dry sweeping of spilled material.

Use wet cleanup methods or HEPA-filtered vacuum systems where feasible.

Implement appropriate respiratory protection where dust generation cannot be prevented.

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

Dispose contaminated material as waste according to section 13.

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

### Reference to other sections

## 7: Handling and storage

### Precautions for safe handling

Ensure good ventilation/exhaustion at the workplace. Practice good housekeeping to prevent the accumulation of dust in the workplace.

Avoid creating and breathing airborne dust. Practice good hygiene: wash hands before eating, drinking or smoking and do not store food, eat or drink in area where chemicals are handled.

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.

#### Incompatible materials

None known.

## 8: Exposure controls/personal protection

### Occupational exposure limits

#### US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1053)

None of the ingredients in this product is listed.

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)

None of the ingredients in this product is listed.

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)

## Trade name: Spray Dried Kaoprime/Kaoplate Series

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)

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

### Protective equipment



### Appropriate engineering controls

Provide general ventilation in processing and storage. Use methods that reduce or prevent dust generation. When appropriate, provide local exhaust if necessary to reduce dust levels away from the breathing area and below acceptable limits.

### Respiratory equipment

NIOSH/OSHA or EN approved respiratory protection is recommended for use in airborne concentrations exceeding exposure limits. The type of respirator recommended depends on determined airborne concentrations.

### Hand protection

Wear protective gloves.

### Eye protection

Wear safety glasses.

### Other protection

Wear appropriate clothing to prevent any possibility of skin contact.

### 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	Off-white, Powder.
Color	Off-white.
Odor (includes odor threshold)	Odorless (Not determined).
Melting point/freezing point	1760 °C (3200 ° F).
Boiling point (or initial boiling point or boiling range)	Not determined.
Flammability	Not determined.
Danger of explosion	Product does not present an explosion hazard.
Lower explosion limit/flammability limit	Not available.
Upper explosion limit/flammability limit	Not 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 - 8 when tested as 20% solids suspension.
Kinematic viscosity	Not applicable.
Solubility (Water)	Insoluble.
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 g/cm <sup>3</sup> (21.947 lbs/gal)
Relative vapor density	Not applicable.
Particle characteristics	No information available.

**Trade name: Spray Dried Kaoprime/Kaoplate Series**

Percent solids by Wt

100.0 %

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.

**Carcinogenicity**

This product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC or NTP.

**Reproductive toxicity**

No information available.

**Specific target organ toxicity - single exposure**

No information available.

**Specific target organ toxicity - repeated exposure**

No information available.

**Aspiration hazard**

No information available.

## Trade name: Spray Dried Kaoprime/Kaoplate Series

### Additional toxicological information

The product is not subject to classification. When used and handled in a manner that does not result in the generation of dust, the product does not pose a hazard.

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### 12: Ecological information

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

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### 13: Disposal considerations

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<b>Disposal instructions</b>	Dispose of contents/container in accordance with local, regional, national and international regulations.
<b>Additional information</b>	Use water in addition to cleansing agents. Continue to observe all precautions

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### 14: Transport information

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

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### 15: Regulatory information

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#### 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 or exempt.

##### California Proposition 65

## Trade name: Spray Dried Kaoprime/Kaoplate Series



**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 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).

### Carcinogenic categories

#### EPA (Environmental Protection Agency)

None of the ingredients are listed.

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

None of the ingredients are listed.

### 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)
Pennsylvania RTK	Kaolin (CAS#1332-58-7)

## 16: Other information

### Information Sources

OSHA HazCom Standard 29 CFR 1910.1200(g) and GHS Rev 07.

### Date of preparation / last revision

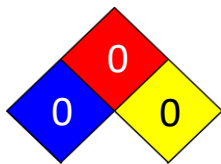
12/15/2025

### Revision

4

### Classification system

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



Health = 0

Fire = 0

Reactivity = 0

#### Hazardous Materials Identification System (HMIS) - 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

**ACGIH** : American Conference of Governmental Industrial Hygienists

**ADR** : The European Agreement concerning the International Carriage of Dangerous Goods by Road

**Trade name: Spray Dried Kaoprime/Kaoplate Series**

<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.