

# Safety Data Sheet (SDS)

OSHA HazCom Standard 29 CFR 1910.1200(g) and GHS Rev 03.

Issue date: 10/29/2018

Reviewed on: 10/29/2018

## 1. Identification

<b>Product identifier</b>	Spray Dried Kaoprime/Kaoplate Series - Kaoprime 11, Kaoprime 15,
<b>Trade name</b>	Kaoprime 19, Kaoprime 21, Kaoprime 22, Kaoprime 27, Kaoprime 42, Kaoplate 13, Kaoplate 17, (A designation of "P" following any of the above grades indicates a pulverized product.)
<b>CAS Number</b>	No information available.
<b>Synonyms</b>	No information available.
<b>Recommended use of the chemical and restrictions on use</b>	No further relevant information available.
<b>Product description</b>	Mineral pigment, or filler primarily used in paper, paper coatings, paints, rubber and plastic formulations.
<b>Manufacturer/Importer/Supplier/Distributor information</b>	
<b>Manufacturer/Supplier</b>	Thiele Kaolin Company 520 Kaolin Road P.O. Box 1056 Sandersville, Georgia 31082 U.S.A. (478) 552-3951
<b>Email</b>	<a href="mailto:SafetyDataSheet@thielekaolin.com">SafetyDataSheet@thielekaolin.com</a>
<b>Website</b>	Thielekaolin.com
<b>Contact Person</b>	Andy Crabb
<b>Emergency Telephone</b>	478-552-3951

## 2. Hazard(s) identification

### Classification of the substance or mixture

The substance is not classified according to the Globally Harmonized System (GHS).

### Label elements

<b>GHS label elements</b>	Non-Regulated Material
<b>Hazard pictograms</b>	Non-Regulated Material
<b>Signal word</b>	Non-Regulated Material
<b>Hazard statements</b>	Non-Regulated Material
<b>Unknown acute toxicity</b>	99.6 percent of the mixture consists of ingredient(s) of unknown toxicity.

### Classification system

#### NFPA ratings (scale 0 - 4)



Health = 0  
Fire = 0  
Reactivity = 0

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HMIS-ratings (scale 0 - 4)

<b>HEALTH</b>	<b>0</b>
<b>FLAMMABILITY</b>	<b>0</b>
<b>REACTIVITY</b>	<b>0</b>

Health = 0  
Flammability = 0  
Reactivity = 0

Hazard(s) not otherwise Classified (HNOC): None known

### 3. Composition/information on ingredients

Mixtures:

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

<b>Chemical characterization</b>	<b>Mixtures</b>
<b>Description</b>	Mixture of substances listed below with nonhazardous additions.
<b>Dangerous Components</b>	Non-Regulated Material

### 4. First-aid measures

Description of first aid measures

<b>Inhalation</b>	Supply fresh air; consult doctor in case of complaints.
<b>Ingestion</b>	If large quantities are ingested, seek medical advice.
<b>Skin contact</b>	Wash with soap and water. If skin irritation occurs, consult a doctor.
<b>Eye contact</b>	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**

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

<b>General information</b>	No special measures required.
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### 5. Fire-fighting measures

<b>Suitable extinguishing media:</b>	CO <sub>2</sub> , extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
<b>Unsuitable extinguishing media</b>	None known.
<b>Special hazards arising from the substance or mixture</b>	Non-combustible, substance itself does not burn.
<b>Protective equipment for fire-fighters</b>	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

<b>Personal precautions, protective equipment and emergency procedures</b>	Wear protective equipment. Keep unprotected persons away. Avoid formation of dust.
<b>Environmental precautions</b>	Do not allow to enter sewers/ surface or ground water.
<b>Methods and materials for containment and cleaning up</b>	Ensure adequate ventilation. Avoid the formation of dust Dispose contaminated material as waste according to section 13. Sweep up or vacuum up spillage and collect in suitable container for disposal.
<b>Reference to other sections</b>	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

<b>Precautions for safe handling</b>	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.
<b>Conditions for safe storage</b>	Store in a cool, dry place. Store in a well ventilated place.
<b>Incompatible materials</b>	None known.
<b>Specific end use(s)</b>	No further relevant information available.

## 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)

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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. Provide local exhaust if necessary to reduce dust levels below acceptable limits.

**Respiratory equipment**

NIOSH/OSHA or EN approved respiratory protection is recommended for use in airborne concentrations exceeding exposure limits.

**Hand protection**

Wear protective gloves.

**Eye protection**

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**

<b>Appearance</b>	Powder
<b>Color</b>	Off-white
<b>Odor</b>	Odorless
<b>Odor threshold</b>	Not determined.
<b>pH-Value</b>	4 - 8 when tested as a 20% solids suspension
<b>Boiling point/Range</b>	Not determined.
<b>Melting point/Range</b>	1760 °C (3200 °F)
<b>Flash point</b>	Not applicable.
<b>Flammability (solid, gaseous)</b>	Not determined.
<b>Ignition temperature</b>	Not determined.
<b>Decomposition temperature</b>	550 °C (1022 °F) (Dehydroxylation)
<b>Auto igniting</b>	Product is not self-igniting.
<b>Danger of explosion</b>	Product does not present an explosion hazard.
<b>Explosion limits</b>	
<b>Lower</b>	Not determined.
<b>Upper</b>	Not determined.
<b>Vapor pressure</b>	Not applicable.
<b>Relative density</b>	2.63 g/cm <sup>3</sup> (21.947 lbs/gal)
<b>Vapor density</b>	Not applicable.
<b>Evaporation rate</b>	Not applicable.
<b>Solubility in / Miscibility with Water:</b>	Insoluble.
<b>Partition coefficient Log P o/w (Octanol/Water)</b>	Not determined.
<b>Viscosity</b>	

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Dynamic	Not applicable.
Kinematic	Not applicable.
Solvent content	
Solids content	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	No dangerous reactions known.
Thermal decomposition/Conditions to avoid	No decomposition if used according to specifications
Incompatible materials	No further relevant information available.
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

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 -	No information available.

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repeated exposure

Aspiration hazard

Additional toxicological information

No information available.

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

When used and handled according to specifications, the product does not have any harmful effects according to our experience and the information provided to us.

## 12. Ecological information

**Numerical measures of toxicity**

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.

**Results of PBT and vPvB assessment**

Not applicable.

**Other adverse effects**

No further relevant information available.

## 13. Disposal considerations

**Disposal instructions**

Must not be disposed of together with household garbage. Do not allow product to reach sewage system.

**Contaminated packaging**

Disposal must be made according to official regulations. Use water, if necessary with cleansing agents.

## 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.

**Special precautions for user**

Not applicable.

**Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code Notes**

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.

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**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**



**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.

**TLV (Threshold Limit Value established by ACGIH)**

**Human Carcinogen - A1 Confirmed, A2 Suspected, A3 Unknown Relevance, A4 Not Classifiable**

1332-58-7            Kaolin                            A4

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

None of the ingredients are listed.

<b>GHS label elements</b>	Non-Regulated Material
<b>Hazard pictograms</b>	Non-Regulated Material
<b>Signal word</b>	Non-Regulated Material
<b>Hazard statements</b>	Non-Regulated Material

**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)**

CAS#1332-58-7            Kaolin                            >99 %

**International Inventories**

Australia - AICS  
All ingredients are listed or exempt.

Canada -DSL  
All ingredients are listed or exempt.

China - IECSC  
All ingredients are listed or exempt.

Europe- EINECS  
All ingredients are listed or exempt.

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Japan- ENCS

All ingredients are listed or exempt.

Korea-ECL

All ingredients are listed or exempt.

New Zealand- NZIoC

All ingredients are listed or exempt.

Philippines – PICCS

All ingredients are listed or exempt.

Switzerland - EINECS

All ingredients are existing chemicals on EINECS.

Taiwan - TCSI

All ingredients are listed or exempt.

**Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

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## 16. Other information

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<b>Information Sources</b>	OSHA HazCom Standard 29 CFR 1910.1200(g) and GHS Rev 03.
<b>Date of preparation / last revision</b>	10/29/2018
<b>Revision</b>	1

### Abbreviations and acronyms

<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>AICS</b>	Australian Inventory of Chemical Substances
<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



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Disclaimer

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