

## Safety Data Sheet (SDS)

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

Issue date: 11/24/2015

### 1. Identification

#### Product identifier

##### Trade name

Slurry Products – Kaobrite 600 Series, Kaogloss 600 Series, Kaogloss Plus, Kaomax AK, Kaoprint, Kaowhite SP, Lopaque Plus, Kaomax Plus

#### Other means of identification

##### 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

##### Manufacturer/Supplier

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

##### Email

SafetyDataSheet@thielekaolin.com

##### Website

Thielekaolin.com

##### Contact Person

Andy Crabb

##### Emergency Telephone

478-552-3951

### 2. Hazard(s) identification

#### Classification of the substance or mixture

The substance is not classified according to OSHA HazCom Standard 29 CFR paragraph (d) of §1910.1200(g) and the Globally Harmonized System (GHS) Rev 03.

#### Label elements

##### GHS label elements

Non-Regulated Material

##### Hazard pictograms

Non-Regulated Material

##### Signal word

Non-Regulated Material

##### Hazard statements

Non-Regulated Material

#### Classification system

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



Health = 0

Fire = 0

Reactivity = 0

Trade name: Slurry Products – Kaobrite 600 Series, Kaogloss 600 Series, Kaogloss Plus, Kaomax AK, Kaoprint, Kaowhite SP, Lopaque Plus, Kaomax Plus

HMIS-ratings (scale 0 - 4)



Health = 0  
Fire = 0  
Reactivity = 0

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

### 3. Composition/information on ingredients

#### Mixtures

<u>No</u>	<u>Chemical name</u>	<u>CAS number</u>	<u>%</u>
1	Kaolin	1332-58-7	65-95
2	Calcined Kaolin	92704-41-1	5-35

### 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

No further relevant information available.

#### Indication of immediate medical attention and special treatment needed

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

<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.

### 6. Accidental release measures

<b>Personal precautions, protective equipment and emergency procedures</b>	Wear protective equipment. Keep unprotected persons away. Product is slippery when spilled.
<b>Environmental precautions</b>	Do not allow to enter sewers/ surface or ground water.

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<b>Methods and materials for containment and cleaning up</b>	Absorb with liquid-binding material (ie. sand, diatomite, acid binders, universal binders, sawdust). Dispose of the collected material according to regulations.
<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. 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

No exposure limits have been published for calcined kaolin products. We recommend using the limits published for Kaolin (CAS# 1332-58-7).

### US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)

Components	Type	Value
Kaolin (CAS# 1332-58-7)	TWA (PEL)	15 mg/m <sup>3</sup> (total dust) 5 mg/m <sup>3</sup> (respirable fraction)

### 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)

### 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.

Trade name: Slurry Products – Kaobrite 600 Series, Kaogloss 600 Series, Kaogloss Plus, Kaomax AK, Kaoprint, Kaowhite SP, Lopaque Plus, Kaomax Plus

**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**

Not required.

**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

<b>Appearance</b>	Slurry
<b>Color</b>	White
<b>Odor</b>	Odorless
<b>Odor threshold</b>	Not determined.
<b>pH-Value</b>	6 - 8
<b>Boiling point/Range</b>	Not determined.
<b>Melting point/Range</b>	1760 °C (3200 °F)
<b>Flash point</b>	Not applicable.
<b>Flammability</b>	Not applicable.
<b>Ignition temperature</b>	Not determined.
<b>Decomposition temperature</b>	Not determined.
<b>Auto igniting</b>	Product is not self-igniting.
<b>Explosive properties</b>	Product does not present an explosion hazard.
<b>Oxidizing Properties</b>	Not determined.
<b>Vapor pressure</b>	Not determined.
<b>Relative density @ 20 °C (68 °F)</b>	2.7
<b>Vapor density</b>	Not determined.
<b>Evaporation rate</b>	Not determined.
<b>Solubility (Water)</b>	Insoluble.
<b>Partition coefficient Log P o/w (Octanol/Water)</b>	Not determined.
<b>Viscosity</b>	Not determined.
<b>Percent solids by Wt</b>	100.0 %
<b>Other data</b>	No further relevant information available.

## 10. Stability and reactivity

<b>Reactivity</b>	No further relevant information available.
<b>Chemical stability</b>	Stable under normal conditions.
<b>Possibility of hazardous reactions</b>	No dangerous reactions known.
<b>Thermal decomposition/Conditions to avoid</b>	No decomposition if used according to specifications.
<b>Incompatible materials</b>	No further relevant information available.

Trade name: Slurry Products – Kaobrite 600 Series, Kaogloss 600 Series, Kaogloss Plus, Kaomax AK, Kaoprint, Kaowhite SP, Lopaque Plus, Kaomax Plus

**Hazardous decomposition products**      No dangerous decomposition products known.

## 11. Toxicological information

### Information on likely routes of exposure

<b>Ingestion</b>	No information available.
<b>Inhalation</b>	No information available.
<b>Skin contact</b>	Mild irritant effect.
<b>Eye contact</b>	Mild irritant effect.

<b>Symptoms related to the physical, chemical and toxicological characteristics</b>	No information available.
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<b>Delayed and immediate effects and also chronic effects from short- and long-term exposure</b>	No information available.
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### Numerical measures of toxicity

No information available.

<b>Skin corrosion/irritation</b>	No information available.
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<b>Serious eye damage/eye irritation</b>	No information available.
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### Respiratory or skin sensitization

<b>Respiratory sensitization</b>	No information available.
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<b>Skin sensitization</b>	No information available.
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<b>Germ cell mutagenicity</b>	No information available.
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<b>Carcinogenicity</b>	This product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC or NTP.
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<b>Reproductive toxicity</b>	No information available.
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<b>Specific target organ toxicity - single exposure</b>	No information available.
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<b>Specific target organ toxicity - repeated exposure</b>	No information available.
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<b>Aspiration hazard</b>	No information available.
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<b>Additional toxicological information</b>	The product is not subject to classification according to internally approved calculation methods for preparations.
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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

No information available.

<b>Persistence and degradability</b>	No further relevant information available.
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<b>Bioaccumulative potential</b>	No further relevant information available.
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<b>Mobility in soil</b>	No further relevant information available.
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<b>Results of PBT and vPvB assessment</b>	Not applicable.
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<b>Other adverse effects</b>	No further relevant information available.
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### 13. Disposal considerations

<b>Disposal instructions</b>	Must not be disposed of together with household garbage. Do not allow product to reach sewage system.
<b>Contaminated packaging</b>	Disposal must be made according to official regulations. Use water, if necessary with cleansing agents.

### 14. Transport information

<b>UN number DOT, ADN, IMDG, IATA, ADR</b>	Non-Regulated Material
<b>UN proper shipping name DOT, ADN, IMDG, IATA, ADR</b>	Non-Regulated Material
<b>Transport hazard class(es) DOT, ADN, IMDG, IATA, ADR</b>	Non-Regulated Material
<b>Packing group DOT, ADN, IMDG, IATA, ADR</b>	Non-Regulated Material
<b>Environmental hazards</b>	Not applicable.
<b>Special precautions for user</b>	Not applicable
<b>Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code Notes</b>	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**

**Chemicals known to cause cancer:**

None of the ingredients are listed.

**Chemicals known to cause reproductive toxicity for females:**

None of the ingredients are listed.

**Chemicals known to cause reproductive toxicity for males:**

None of the ingredients are listed.

**Chemicals known to cause developmental toxicity:**

None of the ingredients are listed.

**Carcinogenic categories**

**EPA (Environmental Protection Agency)**

None of the ingredients are listed.

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

1332-58-7                      Kaolin                      2 mg/m<sup>3</sup>

**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**

1332-58-7                      Kaolin                      65-95 %

92704-41-1                      Calcined Kaolin                      5-35%

All ingredients are listed.

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

## 16. Other information

<b>Information Sources</b>	OSHA HazCom Standard 29 CFR 1910.1200(g) and GHS Rev 03.
<b>Date of preparation / last revision</b>	11/24/2015 – new product names added, no additional revisions to content.
<b>Revision</b>	3

**Abbreviations and acronyms**

<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>IMDG:</b>	International Maritime Code for Dangerous Goods
<b>DOT:</b>	US Department of Transportation
<b>IATA:</b>	International Air Transport Association
<b>ACGIH:</b>	American Conference of Governmental Industrial Hygienists
<b>EINECS:</b>	European Inventory of Existing Commercial Chemical Substances
<b>ELINCS:</b>	European List of Notified Chemical Substances
<b>CAS:</b>	Chemical Abstracts Service (division of the American Chemical Society)
<b>NFPA:</b>	National Fire Protection Association (USA)
<b>HMIS:</b>	Hazardous Materials Identification System (USA)

### 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 March 26, 2012. 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.