

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

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

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

Suitable extinguishing media:	CO ₂ , 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 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

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

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Methods and materials for containment and cleaning up Absorb with liquid-binding material (ie. sand, diatomite, acid binders, universal binders, sawdust). Dispose of the collected material according to regulations.
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 Store in a cool, dry place. Store in a well ventilated place.
Incompatible materials None known.
Specific end use(s) 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 ³ (total dust) 5 mg/m ³ (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 ³ (total dust) 5 mg/m ³ (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 ³ (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 ³ (total dust) 5 mg/m ³ (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

Appearance	Slurry
Color	White
Odor	Odorless
Odor threshold	Not determined.
pH-Value	6 - 8
Boiling point/Range	Not determined.
Melting point/Range	1760 °C (3200 °F)
Flash point	Not applicable.
Flammability	Not applicable.
Ignition temperature	Not determined.
Decomposition temperature	Not determined.
Auto igniting	Product is not self-igniting.
Explosive properties	Product does not present an explosion hazard.
Oxidizing Properties	Not determined.
Vapor pressure	Not determined.
Relative density @ 20 °C (68 °F)	2.7
Vapor density	Not determined.
Evaporation rate	Not determined.
Solubility (Water)	Insoluble.
Partition coefficient Log P o/w (Octanol/Water)	Not determined.
Viscosity	Not determined.
Percent solids by Wt	100.0 %
Other data	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.

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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

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.

Additional toxicological information 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

No information available.

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.

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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.

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/m³

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

None of the ingredients are listed.

GHS label elements	Non-Regulated Material
Hazard pictograms	Non-Regulated Material
Signal word	Non-Regulated Material
Hazard statements	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

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

Abbreviations and acronyms

ADR:	The European Agreement concerning the International Carriage of Dangerous Goods by Road
ADN:	The European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
IMDG:	International Maritime Code for Dangerous Goods
DOT:	US Department of Transportation
IATA:	International Air Transport Association
ACGIH:	American Conference of Governmental Industrial Hygienists
EINECS:	European Inventory of Existing Commercial Chemical Substances
ELINCS:	European List of Notified Chemical Substances
CAS:	Chemical Abstracts Service (division of the American Chemical Society)
NFPA:	National Fire Protection Association (USA)
HMIS:	Hazardous Materials Identification System (USA)

Disclaimer

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