

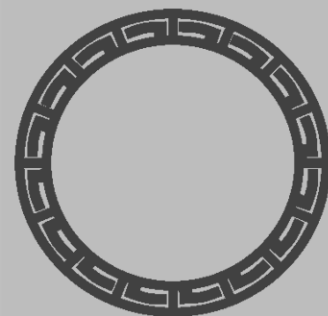
Material Safety Data Sheet

Barium Sulphate Pw21

Product Code: EX-SU0020

Department: inert pigments & fillers

C.A.S.: 7727-43-7



KAMA
PIGMENTS

Section: 1 Identification

PRODUCT USE	Industrial.
CHEMICAL FAMILY.	Barium Sulfate.
SYNONYMS	Not available.

Section: 2 Hazard Identification

HAZARD CLASSIFICATION	Not Assessed.
SIGNAL WORD	Not Assessed.
Hazard Statements	Not Assessed.
Precautionary Statements	Not Assessed.
Other Hazards	Not Assessed.

SGH Label Elements

Signal Word

Precautionary Statements

GHS Classification

Hazard Statements

Section: 3 Composition / Information on Ingredients

HAZARDOUS INGREDIENTS	CAS #	WT. %
Barium Sulfate	7727-43-7	96-100

Section: 4 First-Aid Measures

SKIN CONTACT	Wash affected area immediately with large amounts of soap and water. If irritation develops or persists, seek medical attention.
EYE CONTACT	Immediately hold eyelids open and flush with water for at least 15 minutes. If irritation develops or persists, seek medical attention.
INHALATION	Move victim to fresh air. If breathing has stopped, perform artificial respiration. Seek immediate medical attention.
INGESTION	DO NOT induce vomiting. If necessary, seek medical attention.
NOTES TO PHYSICIAN	Inert dust.

Section: 5 Fire-Fighting Measures

EXTINGUISHING MEDIA	Water spray, foam, dry powder or carbon dioxide.
HAZARDOUS COMBUSTION PRODUCTS	Not applicable.
SPECIAL FIRE FIGHTING PROCEDURES	Firefighters should wear protective equipment as required.
UNUSUAL FIRE / EXPLOSION HAZARDS	Avoid high dust concentrations.

Section: 6 Accidental Release Measures

LEAKS AND SPILLS	Avoid creating dust. Vacuum/shovel up and transfer into a drum for reuse or disposal. May create a slippery condition when wet. Wear protective clothing during cleanup.
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Section: 7 Handling And Storage

HANDLING PROCEDURES	Avoid inhalation and ingestion. Avoid contact with eyes and skin. Wash skin thoroughly after handling and before eating or smoking. Use good industrial hygiene practices in handling this material.
STORAGE NEEDS	Keep container tightly closed. Store in a cool, dry, well-ventilated area.

Section: 8 Exposure Control/Personal Protection

INGREDIENTS	ACGIH TLV		OSHA PEL		NIOSH
	TWA	STEL	PEL	STEL	REL
Barium Sulfate	10 mg/m ³				
VENTILATION REQUIREMENTS	Use under well-ventilated conditions.				
PROTECTIVE EQUIPMENT					
EYE/TYPE	Safety glasses or goggles recommended.				
RESPIRATORY/TYPE	A NIOSH/OSHA approved dust respirator should be worn. Consult your supplier of personal protective equipment for additional instructions on proper usage for nuisance dust.				
GLOVES/ TYPE	Gloves.				
CLOTHING/TYPE	No special protective clothing is required.				
FOOTWEAR/TYPE	No special footwear is required.				
BODY/TYPE	No special protective clothing is required.				

Section: 9 Physical and Chemical Properties

PHYSICAL STATE	White to tan powder.
ODOUR	Odourless.
ODOUR THRESHOLD (ppm)	Not available.
pH	Not applicable.
FREEZING POINT (°C)	Not applicable.
MELTING POINT (°C)	1580°C.
BOILING POINT (°C)	Not applicable.
FLASH POINT (°C), METHOD	Not applicable.
EVAPORATION RATE	Not applicable.
FLAMMABILITY	Non-flammable substance.
UPPER FLAMMABLE LIMIT (% VOL)	Not applicable.
LOWER FLAMMABLE LIMIT (% VOL)	Not applicable.
VAPOUR PRESSURE (mm Hg)	Not applicable.
VAPOUR DENSITY (AIR=1)	Not applicable.
DENSITY	4.2 - 4.5. water = 1.
SOLUBILITY IN WATER (% W/W)	Insoluble.
COEFFICIENT OF WATER/OIL DISTRIBUTION	Not applicable.
AUTO IGNITION TEMPERATURE (°C)	Not applicable.

Section: 10 Stability And Reactivity

HAZARDOUS POLYMERIZATION	Will not occur.
STABILITY	Stable.
INCOMPATIBILITY	Aluminum powder. Phosphorus.
CONDITIONS TO AVOID	Avoid generating dust.
SENSITIVITY TO MECHANICAL IMPACT	Not sensitive.
SENSITIVITY TO STATIC DISCHARGE	Not sensitive.
HAZARDOUS PRODUCTS OF DECOMPOSITION	Oxides of sulfur. Barium oxide.

Section: 11 Toxicological Information

INGREDIENTS	LC50	LD50
Barium Sulfate	Not Indicated	Not Indicated
ROUTE OF ENTRY	Eye contact. Skin contact. Inhalation. Ingestion.	
SKIN CONTACT	May cause skin irritation with prolonged or repeated exposure. Avoid skin contact.	
EYE CONTACT	Dust may cause mechanical irritation to eyes. Avoid eye contact.	
INHALATION	Dust may irritate the respiratory tract. Normal precautions for inorganic dusts should be provided. Avoid inhalation.	
INGESTION	This material is considered to be harmless and inert when ingested. Do not ingest.	
MEDICAL CONDITIONS AFFECTED BY EXPOSURE	Repeated or prolonged exposure to the substance can produce target organs damage. Target Organs: Lungs.	
SIGNS OF OVER EXPOSURE	Not available.	
TOXICITY EFFECTS ON ANIMALS	Not available.	
TOXIC EFFECTS ON HUMANS	May cause eye irritation. May cause mild skin irritation. May cause respiratory sensitization.	
CHRONIC EFFECTS ON HUMANS	No specific information is available in our database regarding the other chronic toxic effects of this material for humans.	
TERATOGENICITY	No evidence of teratogen effects.	

Section: 12 Ecological Information

MUTAGENICITY
REPRODUCTIVE EFFECTS
CARCINOGENICITY

No evidence of mutagenic effects.
No evidence of reproductive effects.
No evidence of carcinogenic effects according to ACGIH or IARC.

Section: 13 Disposal Considerations

WASTE DISPOSAL

Dispose in a suitable waste treatment facility in compliance with all federal, provincial and local regulations

Section: 14 Transport Information

TDG CLASSIFICATION

Not regulated under TDG (Canada).

Section: 15 Regulatory Information

CEPA STATUS
WHMIS CLASSIFICATION

All the ingredients are on the DSL list.
This is not a WHMIS controlled product.

Section: 16 Other Information

reference
prepared by

manufacturer's material safety data sheet
Kama pigments

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