

Safety Data Sheets



Titanium White Pw6

Product code: PS-MI0100

Department: white dry pigments

C.A.S. : 13463-67-7

Section: 1 Identification

Product Name: chemical family	Titanium Dioxide. inorganic pigments
Company:	KAMA pigments 7442 St-Hubert Montreal Quebec, H2R 2N3
Phone:	514 272 2173
Email:	info@kamapigment.com
Recommended Uses:	Colorants (pigments and dyestuffs), inorganic. Pigment for use in, artist's colors, paints, coloring materials. Do not use for tattoo inks, cosmetics or other medical application.

Section: 2 Hazard Identification

HGS Label Elements



Signal Word

Warning

GHS Classification

Hazard statements

H351 Suspected of causing cancer

Precautionary Statements

Do not handle until all safety precautions have been read and understood.

Wear protective gloves/protective clothing/eye protection/face protection.

IF exposed or concerned: Get medical advice/ attention.

Section: 3 Composition / Information on Ingredients

Name	Product identifier	GHS Classification:
Titanium dioxide	(CAS No) 13463-67-7	Not classified
Aluminium Hydroxide	(CAS No) 21645-51-2	Not classified
Amorphous Silica (SiO ₂)	(CAS No) 7631-86-9	Not classified

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 seek medical attention
inhalation	Move victim to fresh air if breathing has stopped, perform artificial respiration in all cases of doubt, or when symptoms persist, seek 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	Assure all equipment is properly grounded as product may cause static discharge, and designed for controlled energy release. Avoid high dust concentrations. Avoid heat, sparks and open flames.

Section: 6 Accidental Release Measures

Leaks and spills	avoid creating dust do not allow product to enter sewers or waterways vacuum/shovel up and transfer into a drum for reuse or disposal wear protective clothing during cleanup.
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Section: 7 Handling And Storage

Handling procedures :	Avoid creation of respirable dust. Avoid contact with eyes and skin. Avoid inhalation and ingestion Wash skin thoroughly after handling and before eating or smoking. Avoid dusting when handling and avoid all possible sources of ignition (spark or flame). Use spark-proof tools and explosion-proof equipment. Use good industrial hygiene practices in handling this material.
storage needs :	store in a cool, dry, well-ventilated area keep container tightly closed.

Section: 8 Exposure Control/Personal Protection

INGREDIENTS	ACGIH TLV TWA STEL	OSHA PEL PEL STEL
Aluminum Oxide	10mg/m ³	
Titanium Dioxide	10 mg/m ³	15 mg/m ³
Ventilation requirements	general ventillation is recommended	
Protective equipment		
Eye/type	wear safety glasses with side shields or goggles	
Respiratory/type	a niosh/osha approved dust respirator should be worn determine the appropriate type by consulting the respirator manufacturer	
Gloves/ type	wear protective 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 / yellowish powder.
odor	odorless
odor threshold (ppm)	not applicable
ph	6.5 - 9.0
freezing point (° C)	not applicable
Melting point (°C)	1600 °C
Boiling point (°C)	3000 °C
flash point (° c), method used	without object
evaporation rate	not applicable
flammability	Non-flammable substance.
upper flammable limit (% vol)	not applicable
lower flammability limit (% vol)	not applicable
vapor pressure (mm of hg)	not applicable
vapor density (air = 1)	not applicable
Density	4.3 g/cm ³
solubility in water (% by weight)	insoluble
water / oil partition coefficient	not applicable
auto-ignition temperature (°c)	not applicable
percentage of volatile matter per volume	not applicable

Section: 10 Stability And Reactivity

hazardous polymerization	will not occur
stability	stable
incompatibility	None known.
conditions to avoid	Avoid generating dust. Avoid heat and any source of ignition.
sensitivity to mechanical impact	not sensitive
sensitivity to static discharge	Dust suspended in air in critical proportions and in the presence of an ignition source may cause explosion.
hazardous products of decomposition	Not applicable.

Section: 11 Toxicological Information

ingredients	lc50	ld50
Aluminum Oxide	Not Indicated	Not Indicated
Titanium Dioxide	Rat 4 Hr > 6.82 mg/L	Oral Rat >24,000 mg/kg Dermal Rabbit >10,000 mg/kg
signal phrase	IARC Group 2B possibly carcinogenic to humans.	
route of entry	eye contact skin contact inhalation ingestion	
skin contact	may cause skin irritation 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 organic dusts should be provided. Avoid inhalation.	
ingestion	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	No additional remark.	
toxicity effects on animals	Non-irritating.	
toxic effects on humans	No specific information is available in our database regarding the other toxic effects of this material for humans.	
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	
mutagenicity	no evidence of mutagenic effects	
reproductive effects	no evidence of reproductive effects	
carcinogenicity	IARC Group 2B (possible carcinogenic to humans).	

Section: 12 Ecological Information

ecotoxicity data	96 hr LC50 (fish-sheephead minnow) >10,000 mg/L; 96 hr LC50 (fish- rainbow trout) >100mg/L; 47 hr LC50 (daphnia magna) >100 mg/L.
products of degradation	no specific information is available in our database regarding the degradation of this product
biodegradability	our database contains no additional remark on the biodegradation of this product

Section: 13 Disposal Considerations

waste disposal	dispose in a suitable waste treatment facility in compliance with all federal, provincial and local regulations
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Section: 14 Transport Information

tdg classification	not regulated under tdg (canada)
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Section: 15 Regulatory Information

According to corresponding national regulations and available test data, there is no labelling requirement for this product.

RUTILE TITANIUM DIOXIDE (13463-67-7)

CANADA: Listed on the Canadian Domestic Substance List (DSL) Inventory

USA

SARA Section 311/312 Hazard Classes: Non hazardous.

SARA Section 313: No reporting requirements for this product.

Listed on the United States Toxic Substance Control Act (TSCA) Inventory

Section: 16 Other Information

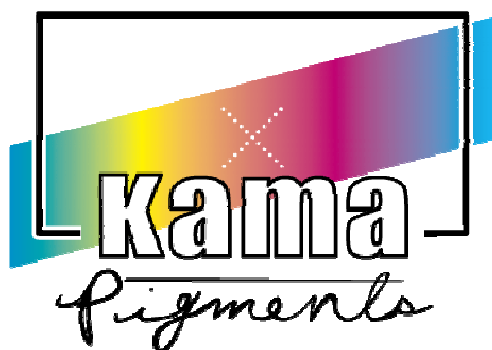
Reference	Manufacturer's material safety data sheet.
Prepared by	Kama pigments

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