

Safety Data Sheets



Aqua-Dispersion Raw Umber Pbr6

Product code: PD-100115

Department: aqua-dispersion pigments

C.A.S. : 12713-03-0, 1313-34-6, 1333-86-4, 14808-60-7

Section: 1 Identification

PRODUCT NAME	Raw Umber
MATERIAL USE	Paint & Inks.
PRODUCT USE	Industrial.
CHEMICAL FAMILY	Aqueous Dispersion.

Section: 2 Hazard Identification

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

HGS Label Elements

Signal Word

Precautionary Statements

GHS Classification

Hazard statements

Section: 3 Composition / Information on Ingredients

HAZARDOUS INGREDIENTS	CAS #	WT. %
Carbon Black	1333-86-4	1-5
Manganese Oxide	1313-34-6	N/Av
Crystalline Silica – Quartz	14808-60-7	1-5
Umber	12713-03-0	N/Av

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	Treat symptomatically. Seek medical attention. DO NOT induce vomiting.
NOTES TO PHYSICIAN	No additional remark.

Section: 5 Fire Fighting Measures

EXTINGUISHING MEDIA	Dry chemical, carbon dioxide, foam, water. Using water can cause frothing with increasing fire intensity. .
HAZARDOUS COMBUSTION PRODUCTS	Not applicable.
SPECIAL FIRE FIGHTING PROCEDURES	Use water spray to keep fire-exposed containers cool and absorb heat. Self-contained breathing apparatus with full facepiece and protective clothing. Firefighters should wear protective equipment as required.
UNUSUAL FIRE / EXPLOSION HAZARDS	None known.

Section: 6 Accidental Release Measures

LEAKS AND SPILLS	Ventilate area. Wear protective clothing during cleanup. Do not allow product to enter sewers or waterways. Absorb with an inert material and place in a chemical waste container. For larger spills, dike area and pump into waste containers.
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Section: 7 Handling And Storage

HANDLING PROCEDURES	Use under well ventilated conditions. Wash skin thoroughly after handling and before eating or smoking. Avoid contact with eyes and skin. Avoid inhalation and ingestion. Use good industrial hygiene practices in handling this material.
STORAGE NEEDS	Keep container tightly closed. . Do not store in open, unlabeled or mislabeled containers. Store in a cool, dry, well-ventilated area.

Section: 8 Exposure Control/Personal Protection

ACGIH	TLV	OSHA	PEL	NIOSH	
INGREDIENTS	TWA	STEL	PEL	STEL	REL
Carbon Black	3.5 mg/m3				
Manganese Oxide	5 mg/m3				
Crystalline Silica – Quartz	0.025 mg/m3 respirable				
Umber	Not Indicated				
VENTILATION REQUIREMENTS	Provide adequate local exhaust ventilation to maintain worker exposure below exposure limits.				
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	Liquid
COLOUR	Olive
ODOUR	Odourless.
ODOUR THRESHOLD (ppm)	Not applicable.
pH	8 - 10.
FREEZING POINT (°C)	Not available.
MELTING POINT (°C)	Not applicable.
BOILING POINT (°C)	Not determined.
FLASH POINT (°C), METHOD	107.2°C.
EVAPORATION RATE	Not applicable.
FLAMMABILITY	Class IIIB.
UPPER FLAMMABLE LIMIT (% VOL)	Not applicable.
LOWER FLAMMABLE LIMIT (% VOL)	Not applicable.
VAPOUR PRESSURE (mm Hg)	Not applicable.
VAPOUR DENSITY (AIR=1)	Heavier than air.
SPECIFIC GRAVITY	1.4.
SOLUBILITY IN WATER (% W/W)	Dilutable.
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	Acids.
CONDITIONS TO AVOID	Do not freeze. Avoid heat and any source of ignition.
SENSITIVITY TO MECHANICAL IMPACT	Not sensitive.
SENSITIVITY TO STATIC DISCHARGE	Not sensitive.
HAZARDOUS PRODUCTS OF DECOMPOSITION	Carbon monoxide and/or carbon dioxide.

Section: 11 Toxicological Information

INGREDIENTS	LC50	LD50
Carbon Black	Not Indicated	Oral Rat > 8,000 mg/kg
Manganese Oxide	Not Indicated	Oral Rat > 3,478 mg/kg
Crystalline Silica – Quartz	Not Indicated	> 8000 mg/kg Oral Rat
Umber	Not Indicated	Not Indicated
SIGNAL PHRASE	IARC Group 1. ACGIH - A2. Carcinogen.	
ROUTE OF ENTRY	Eye contact. Skin contact. Inhalation. Ingestion.	
SKIN CONTACT	Skin contact may discolour due to pigment. Avoid skin contact.	
EYE CONTACT	May cause irritation (tears, blurred vision, and redness). Avoid eye contact.	
INHALATION	IARC has classified Crystalline Silica as carcinogenic to humans. Inhalation may cause mechanical irritation of respiratory tract. Avoid inhalation.	
INGESTION	Do not ingest.	
MEDICAL CONDITIONS AFFECTED BY EXPOSURE	Pre-existing skin disorders may be aggravated by this material.	
SIGNS OF OVER EXPOSURE.	No additional remark.	
TOXICITY EFFECTS ON ANIMALS.	No additional remark.	
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	Prolonged exposure can cause pulmonary disease. Long term exposure to products containing Crystalline Silica may cause silicosis.	
TERATOGENICITY	No evidence of teratogen effects.	
MUTAGENICITY	No evidence of mutagenic effects.	
REPRODUCTIVE EFFECTS	No evidence of reproductive effects.	
CARCINOGENICITY	IARC Group 1. ACGIH-A2- Suspected human carcinogen.	

Section: 12 Ecological Information

ECOTOXICITY DATA	Not available.
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

CEPA STATUS	All the ingredients are on the DSL list.
CONTROLLED PRODUCTS REGULATIONS	This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and this document contains all the information required by the Controlled Products Regulations.
WHMIS CLASSIFICATION	WHMIS Class D2A: Materials Causing Other Toxic Effects-Very Toxic Material.
U.S. TSCA INVENTORY STATUS	All components of this product are listed on the TSCA Chemical Substances Inventory or are exempt.
Proposition 65 (California)	This product contains a chemical known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov .

Section: 16 Other Information

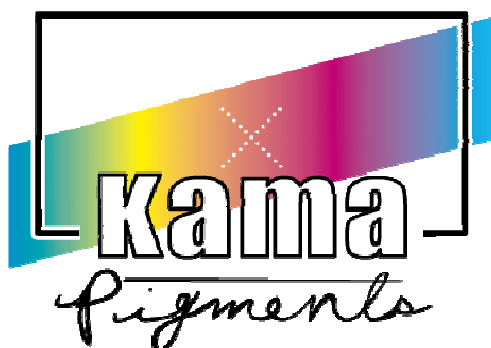
Reference	Manufacturer's material safety data sheet
Prepared by	Kama pigments

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