

MATERIAL SAFETY DATA SHEET

PAKMIX COLORS
concrete product colors

Manufacturer
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IN CASE OF EMERGENCY ONLY

1: Product Identification

PRODUCT NAME
CHEMICAL FAMILY
CHEMICAL NAME
SYNONYMS
C.A.S. NUMBER
T.D.G CLASSIFICATION
OSHA HAZARD
COMMUNICATION STATUS

PAKMIX colors
Inorganic Metal Oxides
Iron (III) Oxide
Ferric Oxide
1309-37-1, 20344-49-4, 1317-61-9
Not regulated

This product is not hazardous under the criteria of the Federal OSHA Hazard Communication Standard 29 CFR 1910.1200
Fe₂O₃, Fe₃O₄, Fe₂O₃·H₂O
Not regulated

CHEMICAL FORMULA
WHMIS (Canada) Classification:

HMIS (USA)
Health 0-Minimal
Flammability 0-Minimal
Reactivity 0-Minimal

2: Hazardous Ingredients

Components	%	OSHA-PEL	ACGIH-TLV
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None

3: Physical & Chemical Data

PHYSICAL STATE	Dry powder
COLOR	Tan, Brown, Black, Red
ODOR	None
MELTING POINT/FREEZING POINT	n. ap.
BOILING POINT	n. ap.
VAPOR PRESSURE	n. ap.
SPECIFIC GRAVITY	4.2 to 5.5
BULK DENSITY	45-75 lb. per cubic ft.
SOLUBILITY IN WATER	Insoluble
% VOLATILE BY VOLUME	< 1%

4: Fire and Explosion Data

FLASH POINT °F (°C) n.ap.

FLAMMABLE LIMITS

lower

n.ap.

upper

n.ap.

EXTINGUISHING MEDIA

Not flammable

SPECIAL FIRE FIGHTING PROCEDURES

None

UNUSUAL FIRE & EXPLOSIVE**HAZARDS**

High concentrations of dust in suspension may present risks for explosions.

5: Reactivity Data**STABILITY**

Stable

INCOMPATIBILITY

None

HAZARDOUS DECOMPOSITION

None

OR BY PRODUCTS**HAZARDOUS POLYMERIZATION**

Will not occur

6: Toxicological Properties**PRIMARY ROUTES OF EXPOSURE**

Eye and skin contact, inhalation

EFFECTS OF:**ACUTE OVEREXPOSURE**

Nuisance Dust

CHRONIC OVEREXPOSURE

No chronic health effects are known from repeated exposure to iron oxide pigments

MEDICAL CONDITIONS**AGGRAVATED BY EXPOSURE**

None Known

CARCINOGENICITY

n.ap.

EXPOSURE LIMITS**OSHA PEL**

Not established for this product

ACGIH TLVNot established for this product. The recommended guideline is the TLV for nuisance particulate, 10 mg/m³ of total dust.**7: Emergency and First Aid Measures****EYE CONTACT**

Flush eyes with plenty of water, lifting lids periodically for at least 15 minutes. Consult a physician if irritation persists.

SKIN CONTACT

Wash with soap and water.

INHALATION

Remove from dusty area to fresh air. If not breathing give artificial respiration. If breathing is difficult, give oxygen. Call a physician.

INGESTION

Immediately contact a physician.

8: Precautions for Safe Handling and Use**STEPS TO BE TAKEN IN CASE****MATERIAL IS RELEASED OR SPILLED**

Common housekeeping, vacuum or scoop material into a container for reclamation or disposal.

WASTE DISPOSAL METHOD

Material which cannot be reclaimed should be landfilled in accordance with local, state and federal regulations.

HANDLING AND STORAGE

Store in dry area.

OTHER

None

9: Control Measures**RESPIRATORY**

NIOSH approved dust respirator when required for dust.

VENTILATION

Local exhaust when required for dust.

GLOVES

None

EYES

None

HYGIENE

Wash thoroughly after handling and before eating. Keep dust away from food and beverages.

OTHER

None

10: More Information

n.ap.= Not applicable

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