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MATERIAL SAFE DATA SHEET

SECTION 1-----Chemical Identification-----

Name: Synthetic Iron Oxide, Red, Black, Yellow, Brown, Orange

SECTION 2-----Composition/Information on Ingredients-----

CAS#: 1309-37-1

MF: FE_2O_3

EC No.215-168-2

Synonyms

Black Oxide of Iron * Iron Oxide * Iron Oxide Red * Iron Oxide Pigments *
Manufactured Iron Oxide * Yellow Ferric Oxide * Yellow Oxide of Iron * Rust *Iron
Oxide Green * Iron Oxide Brown * Iron Oxide Orange * Iron Oxide Blue

SECTION 3-----Hazard Material Identification System-----

Health Hazard	0-Minimal
Flammability Hazard	0-Minimal
Reactivity Hazard	0-Minimal
Personal Protection	E-Glasses, Gloves, Dust Resp

Sara Tile III : Section 313 Supplier Notification

This product does not contain toxic chemicals subject to the reporting requirements of section 313 of the emergency planning and community right-to-know act of 1986 and of 40 CFR 372.

Precautionary Statement:

Irritant

Irritating to eyes, respiratory system and skin

Wear suitable gloves and eyes/face protection

In case of contact with eyes, rinse immediately with plenty of water and seek medical advice

This product was tested and found to contain less 5 PPM heavy metal including lead. Lead is regulated under california safe drinking water and toxic enforcement act(Proposition 65). We consider this to be a typical quantity some gags may exceed 5 PPM.

SECTION 4-----First Aid Measure-----

In case of contact, immediately flush eyes or skin with copious amounts of water for at least 15 minutes while removing contaminated clothing and shoes.

If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen.

If swallowed, wash out mouth provided person is conscious. Call a physician.

Discard contaminated clothing and shoes.

SECTION 5-----Fire fighting measures-----

Extinguishing Media

Use extinguishing media appropriate to surrounding fire conditions.

Special firefighting procedures

Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

Unusual fire and explosions hazards

Emits toxic fumes under fire conditions.

SECTION 6-----Accidental release measures-----

Evacuate area.

Wear self-contained breathing apparatus, rubber boots and heavy rubber gloves.

Wear disposable coveralls and discard them after use.

Sweep up, place in a bag and hold for waste disposal.

Avoid raising dust.

Ventilate area and wash spill site after material pickup is complete.

SECTION 7-----Handling and storage-----

Refer to Section 8.

SECTION 8-----Exposure controls/personal protection-----

Wear appropriate nose/mask-approved respirator, chemical-resistant gloves, safety goggles, other protective clothing.

Use only in a chemical fume hood.

Safety shower and eye bath.

Do not breathe dust.

Do not get in eyes, on skin, on clothing.

Avoid prolonged or repeated exposure.

Wash thoroughly after handling.

Irritant.

Keep tightly closed.

Store in a cool dry place.

SECTION 9-----Physical and chemical properties-----

Odor - No odor
Appearance- yellow, black or red power

Physical Properties
Specific Gravity: 4.03-5.24

SECTION 10-----Stability and Reactivity-----

Incompatibilities
Strong acids
Peroxides
Choloroformates

Hazardous combustion or decomposition products
Nature of decomposition products not known.

SECTION 11-----Toxicological information-----

Acute effects
May be harmful by inhalation, ingestion, or skin absorption.
Cause eye and skin irritation.
Material is irritating to mucous membranes and upper respiratory tract.

Rtecs#: No7400000
Iron(III)Oxide

Toxicity data

lpr-Rat Ld50: 5500 MG/KG	GTPZAB 26(4),23,82
lpr-Mus Ld50: 5500 MG/KG	GTPZAB 26(4),23,82

Target organ data

Tumorigenic (Equivocal tumorigenic agent by rtecs criteria)
Tumorigenic (Tumors at site of application)
Only selected registry of toxic effects of chemical

Substances (rtecs) data is presented here. See actual entry in rtecs for complete information.

SECTION 12-----Ecological information-----

Data not yet available.

SECTION 13-----Disposal considerations-----

Bury in a landfill site approved for the disposal of chemical and hazardous wastes.

Observe national and local environmental regulations.

SECTION 14----- Transport information -----

Not dangerous cargo. Keep separated from foodstuffs.

Avoid sun-scorched and rain-drenched.

SECTION 15----- Regulation and information -----

Don't be used to the place that child can suck.

Keep separated from foodstuffs.

Observe the local regulation.

SECTION 16-----Other information-----

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. It is provided solely for the customer's consideration, investigation, and verification. Hereby specifically claims. It shall not be held liable for any damage resulting from handling or from contact with the above products.