

**Kolortek Co., Ltd**

No. 9 Haikou Road
Huaian, Jiangsu, China
Tel: 0086-517-83797527
Fax: 0086-517-83797529
info@kolortek.com

MATERIAL SAFETY DATA SHEET

MATERIAL SAFETY DATA SHEET (81004)

1. SUBSTANCE/PREPARATION AND COMPANY IDENTIFICATION

PRODUCT CODE: 81004 COLOUR INDEX NAME: Pigment Yellow 42
CHEMICAL FAMILY: IRON OXIDE COLOUR INDEX NUMBER: 77492
FDA DESCRIPTION NAME: IRON OXIDE
PRODUCT NAME: Yellow Iron Oxide

USE DESCRIPTION

Purified colors are colorants manufactured for use in a variety of cosmetic applications. These products are produced to the highest purity standards possible.

MANUFACTURER:

Kolortek Co., Ltd.:
No.9, Haikou Road, Huaian
Jiangsu, China

EMERGENCY TELEPHONE NUMBERS:

Transportation: 86 (517) 83797527
Product safety: 86 (517) 83797527

2. COMPOSITION/INFORMATION ON INGREDIENTS

YELLOW IRON OXIDE C.A.S.# 20344-49-4

This product is not considered to be a hazardous substance as defined under OSHA's Hazard Communication Standard (29 CFR 1910.1200).

3. HAZARDS IDENTIFICATION**EMERGENCY OVERVIEW:**

No known hazards associated with this product.
Inorganic pigments will not burn when involved in a fire.

4. FIRST AID MEASURES**EYE CONTACT**

Flush eyes thoroughly with large amounts of water for at least fifteen minutes. Get medical attention.

SKIN CONTACT

Wash skin with soap and water. Remove severely contaminated clothing and clean before reuse. Seek medical attention in the unlikely event that irritation occurs.

INHALATION

Remove to fresh air. Get medical attention if breathing is difficult.

INGESTION

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Do not give anything by mouth to an unconscious person. Do not induce vomiting. Get immediate medical attention.

5. FIRE FIGHTING MEASURES

Nonflammable inorganic pigment product.

Extinguishing Media

Carbon dioxide, dry chemical or foam recommended. Apply water spray to cool exposed closed containers.

Special Fire-Fighting Procedures

Self-contained breathing apparatus (SCBA) and full protective equipment recommended.

Unusual Fire and Explosion Hazards

This product will not burn.

General Hazard

This inorganic pigment will not burn, and has a low level of fire hazard.

FLAMMABILITY DATA

Flash Point: Non-flammable material

Flammability Limits: Not applicable

Autoignition Temperature: Not applicable

Dust Cloud Ignition Temperature: Not applicable

Dust Layer Ignition Temperature: Not applicable

NFPA	RATINGS	HMIS	RATINGS
Health:	1	Health:	1
Flammability:	0	Flammability:	0
Reactivity:	0	Reactivity:	0

6. ACCIDENTAL RELEASE MEASURES

Small Spill

For dry powder spills, inert materials such as sand may be added to control dusting prior to cleanup. Industrial grade vacuum sweepers are also recommended. Place spilled material into appropriate waste containers for disposal.

Large Spill

Contain spilled material immediately with an inert substance such as sand or earth. Use plastic or aluminum shovel to transfer diluted waste material into appropriate containers for disposal.

7. HANDLING AND STORAGE

Handling

Avoid employee exposure through the use of appropriate engineering controls and good industrial hygiene practices.



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Storage

Store in a moderately cool, dry, well-ventilated area away from direct sources of heat. Empty containers may contain product residues and should be handled appropriately. Position containers so that any labelling information is visible.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls

The use of local exhaust ventilation is recommended.

Personal Protection

NIOSH approved dust respirators are recommended when handling in areas of pigment dusting. Safety glasses are also recommended. Impervious clothing should be worn when gross contact is likely, such as when cleaning up spills of large amounts.

Exposure Limits

There are no ACGIH TLV's or OSHA PEL's established for this product.

The OSHA PEL for nuisance dust is 15 mg/m³ (total dust), and 5 mg/m³ (respirable dust) recommended. The recommended ACGIH TLV for nuisance dust is 10 mg/m³.

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Finely divided powder

COLOR: Yellow

MELTING POINT: No data

DENSITY: 4.0g/mL

SOLUBILITY: Insoluble

PERCENT VOLATILE: None

VAPOR PRESSURE: Not applicable

MOLECULAR FORMULA: α -FeOOH

VOLATILE ORGANIC COMPOUNDS (VOC's): None

10. STABILITY AND REACTIVITY

GENERAL:

This product is a stable compound and hazardous polymerization will not occur.

INCOMPATABILITY:

None known under conditions of normal use.

HAZARDOUS DECOMPOSITION PRODUCTS:

None known.

11. TOXICOLOGICAL INFORMATION



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GENERAL

Based upon industry-wide experience over many years of manufacturing and published toxicological studies, many inorganic pigments in general are considered to be practically non-toxic. This low order of toxicity is probably due to the fact that inorganic pigments are somewhat inert and insoluble substances.

ACUTE (SHORT-TERM) TOXICITY

No known published data available.

CHRONIC (LONG-TERM) TOXICITY

No known published data available.

MUTAGENICITY

No known published data available.

12. ECOLOGICAL INFORMATION

This product has not been evaluated for its ecotoxicity. However, the biodegradation of inorganic colorants under aerobic conditions is expected to be poor and there is no evidence to suggest they create any significant ecological problems when released into the environment. Since inorganic pigments are mostly insoluble compounds, they are believed to have minimal bioaccumulation and bioavailability characteristics.

13. DISPOSAL CONSIDERATIONS

General

This product must be disposed of in accordance with all applicable federal, state and local regulations.

Waste Management

- Incineration or landfilling are recommended disposal techniques. Contact the state or local environmental agency for specific rules.
- This product is not identified as a RCRA hazardous waste under 40 CFR 261, and is not regulated under CERCLA (Superfund).

14. TRANSPORT INFORMATION

D.O.T. SHIPPING NAME (49 CFR 172.101-102) : Not regulated

D.O.T. HAZARD CLASS (49 CFR 172.101-102).....: None

D.O.T. LABEL.....: None

D.O.T. PLACARD.....: None

BILL OF LADING DESCRIPTION.....: Dry Pigments

CERCLA SUBSTANCE (49 CFR).....: Not regulated

REPORTABLE QUANTITY (RQ).....: None

INTERNATIONAL

UN/NA NUMBER.....: Not regulated

IMDG/IACO CLASSIFICATION.....: Not regulated

IATA CLASSIFICATION.....: Not regulated



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15. REGULATORY INFORMATION

OSHA Hazard Communication Standard Status

This product is not considered to be a hazardous substance under OSHA's Federal Hazard Communication Standard 29 CFR 1910.1200.

Toxic Substances Control Act (TSCA) Status

All of the ingredients of this material have been reported to the U.S. EPA and are included in the TSCA chemical inventory.

SARA Title III

Section 302 (EHS).....: NONE

Section 311/312 (Acute).....: NONE

RCRA

Not regulated as a hazardous waste under RCRA.

EINECS No.: 215-278-0

16. OTHER INFORMATION

For more information contact Product Safety at

Kolortek Co, Ltd.

PRODUCT SAFETY DEPARTMENT

Tel: 86(517) 83797527

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