Material Safety Data Sheet (MSDS)
IRON OXIDE BLACK

1. IdentificationoftheProductandtheCompany

Trade Name:. IRON OXIDE BLACK

BAOJI XUAN TAI PIGMENT TECHNOLOGY CO., LTD.

2. Composition / Information on Ingredients

CAS NO: 1309-38-2

Synthetic Iron Oxide Fe3O4.

OSHA's Hazard Communication Standard (29 CFR 1910.1200):

This substance is not considered to be a hazardous substance as defined under OSHA's hazard communication standard.

3. Hazards Identification

Not classified as dangerous for supply or conveyance under EEC directives 67/548, 77/728, 88/379, 91/155.

This product is in compliance with CONEG Model legislation for packaging and packaging ink components.

4. First Aid Measures:

Eye Contact: In case the pigment comes into contact with eyes, it may cause irritation. In this case flush eyes thoroughly with water for at least 15 minutes. If irritation persists, consult your physician.

Skin Contact: In case pigment comes into contact with skin, it may cause irritation. In which case wash skin with soap and water. Remove severely contaminated clothing and clean before reuse. Seek medical attention if irritation persists.

Inhalation: In case the pigment is inhaled and causes respiratory difficulty, proceed to area of fresh air. Get medical attention if necessary.

Ingestion: In case the pigment is ingested, it is not considered to be toxic. If swallowed, dilute with water and induce vomiting. Never give fluids or induce vomiting to an unconscious person or person having convulsions. Seek medical attention immediately this case.

5. Fire Fighting Measures

Flammability Class: Not flammable

Extinguishing Medium: Carbon Dioxide, dry chemical or foam. Special Fire Fighting Procedures: Wear self-contained breathing apparatus and full protective equipment

BLACK

6. Accidental Release Measures

Environmental Precautions: Airborne inorganic pigment dust may be an explosion hazard. Secure source of ignition and avoid raising dust. Ventilate area.
Methods of Cleaning Up: Take up mechanically, place in a bag and hold for disposal. Wash spill site after material pick-up.

7. Handling and Storage
Handling: Avoid dust formation. If dust formation occurs, take precautionary measures against discharges.
Storage: Keep packaging tightly closed and store in a dry and cool place with adequate ventilation.

8. Exposure Controls and Personal Protection
Respiratory Protection: Use dust mask when package is opened.
Ventilation: Local exhaust or containment
Hand protection: Rubber Hand Gloves recommended
Eye Protection: Avoid Eye Contact, Safety Goggles recommended
Body Protection: Impervious clothing
Recommendation for personal protection in accordance with good industrial hygiene and safety practices.

9. Physical and Chemical Properties
Appearance: Powder
Color: Black
Odor: Odorless
pH: 3-7
Boiling point: N/A
Melting Point: N/A
Ignition Temp: No Data
Solubility in Water: Insoluble
Vapor Pressure: Not
Applicable

10. Stability and Reactivity
This product is a stable compound under normal storage conditions and hazardous polymerization will not occur.

11. Toxicological Information
Toxicological Test Data: Based upon industry-wide experience and published toxicological studies, inorganic pigments in general are considered to be practically non-toxic. No published data available.

12. Ecological Information

Being chemically inert and practically insoluble in water, inorganic pigments are not environmentally hazardous. They may be virtually removed from wastewater mechanically in suitable effluent treatment plants.

13. Waste Disposal

Dispose (dump or incinerate) in accordance with applicable federal, state and local regulations.

14. Transport information

D.O.T. Shipping Name (49 CFR 172.101-102): None
D.O.T. Hazard Class (49 CFR 172.101-102): None
D.O.T. Label: None
Land transport
ADR/RID/GGVS/GGVE UN – No : None / Not Regulated
Sea transport
IMDG/GGVSee UN – No : None / Not Regulated
Air transport
TCAO/TATA UN-ID No : None / Not Regulated
This product is not classified as dangerous under the relevant EU directives and DOT regulations. Thus, it is not hazardous under transport regulations

15. Regulatory information

OSHA Hazard Communication Standard:
This product is not considered to be a hazardous substance under OSHA's Federal Hazard Communication Standard 29 CFR 1910.1200.
Toxic Substance Control Act (TSCA):
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
Section 313: None
CONEG:
This product is certified to be in full compliance with CONEG legislation for packaging and packaging Ink components regarding hexavalent chromium, cadmium, lead and mercury.

BAOJI XUAN TAI PIGMENT TECHNOLOGY CO.,LTD 宝鸡轩泰颜料科技有限公司

16. Otherinformation

This information contained is provided in good faith. Although it is based on data from sources deemed to be reliable, Baoji Xuan Tai cannot guarantee its accuracy and assumes no responsibility for conditions resulting from its use.