SAFETY DATA SHEET

SECTION 1  Identification

Product identifier
Product name  Zinc Ferrite
Product number  Y30T

Recommended use of the chemical and restrictions on use
Application  Industrial color

Details of the supplier of the safety data sheet
Supplier  Shanghai Yipin Pigments Co.Ltd.
4839 Jiasong bei Rd,
Shanghai, China 201814

Emergency information  Yipin Pigments Inc.
9843 6th St. Suite 105
Rancho Cucamonga, CA 91730
Tel.:909-243-7394

SECTION 2  Hazards Information

Classification of the substance or mixture
Physical hazards  Not Classified
Health hazards  Not Classified
Environmental hazards  Not Classified

Label elements
Hazard statements  NC Not Classified

SECTION 3  Composition/Information on Ingredients

Mixtures
Zinc Ferrite  > 98%
CAS number:  68187-51-9
REACH registration number:  Proprietary

Classification  Not Classified

The Full Text for all Hazard Statements are Displayed in Section 16.

SECTION 4  First Aid Measures

Description of first aid measures
Inhalation  If exposed to excessive levels of dust or fumes, remove to fresh air. Get medical attention if cough or other symptoms develop.
Ingestion
Rinse mouth thoroughly with water. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed by medical personnel. Get medical attention if symptoms occur.

Skin Contact
Wash with soap and water. Get medical attention if irritation develops or persists.

Eye contact
Rinse with water. Get medical attention if any discomfort continues.

SECTION 5 Fire-fighting measures

Extinguishing media
Suitable extinguishing media
The product is not flammable. Use fire-extinguishing media suitable for the surrounding fire.
Extinguish with the following media: Water spray, foam, dry powder or carbon dioxide.

Special hazards arising from the substance or mixture
Flammability Class
No Uniform Fire Code noted.

Advice for firefighters
Protective actions during Firefighting
As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

Special protective equipment for firefighters
Wear self-contained breathing apparatus

SECTION 6 Accidental release measures

Methods and material for containment and cleaning up
Methods for cleaning up
If dust is generated, use appropriate respiratory protection. Vacuum or sweep up material and place in a disposal container. Avoid generation and spreading of dust. Large Spillages: Wear suitable protective equipment, including gloves, goggles/face shield, respirator, boots, clothing or apron, as appropriate. Collect and place in suitable waste disposal containers and seal securely. Label the containers containing waste and contaminated materials and remove from the area as soon as possible. Flush contaminated area with plenty of water. Avoid runoff into storm sewers and ditches which lead to waterways.

SECTION 7 Handling and storage

Precautions for safe handling
Usage precautions
Minimize dust generation and accumulation. Do not breathe dust. Avoid contact with skin and eyes. Wash contaminated skin thoroughly after handling.

Conditions for safe storage, including any incompatibilities
Storage precautions
Store dry at ambient temperature away from food and beverages, excessive heat or flame sources (furnace, kilns, boilers etc.). Store away from substances subject to catalytic decomposition by dust, e.g. peroxides.
SECTION 8  Exposure controls/personal protection

Control parameters

Occupational exposure limits

Zinc Ferrite

Long-term exposure limit (8-hour TWA): ACGIH 5 mg/m³
ACGIH = American Conference of Governmental Industrial
Hygienists.

Ingredient comments

Total Inhalable Dust 10mg/m³ - 8hr TWA. Total respirable
Dust 4mg/m³ - 8hr TWA

SECTION 9  Physical and chemical properties

Information on basic physical and chemical properties

Appearance  Dusty powder.
Color  Tan.
Odor  Odorless.
Odor threshold  Not available.
Ph  pH (concentrated solution): 5-8
Melting point  > 1000 °C (>1832°F)
Initial boiling point and range  Not available.
Flash point  Not available.
Evaporation rate  Not available.
Evaporation factor  Not available.
Flammability (solid, gas)  Not available.
Upper/lower flammability or explosive limits  Not available.
Other flammability  Not available.
Vapour pressure  Not available.
Vapour density  Not available.
Relative density  Not available.
Bulk density  0.68
Solubility(ies)  Insoluble in water.
Partition coefficient  Not available.
Auto-ignition temperature  Not available.
Decomposition Temperature  Not available.
Viscosity  Not available.
Explosive properties  Not available.
Volatile organic compound  None.

SECTION 10  Stability and Reactivity

Stability  No particular stability concerns.
Materials to avoid  Substances subject to catalytic decomposition caused by dust such as peroxides. Further avoid contact with aluminum dust, calcium hypochlorite, hydrazine, ethylene oxide, caesium carbide.

SECTION 11  Toxicological information

Information on toxicological effects
Toxicological effects

Inhalation
Frequent inhalation of dust over a long period of time increases the risk of developing lung diseases.

Ingestion
No harmful effects expected from quantities likely to be ingested by accident.

Skin Contact
Substance may cause slight skin irritation.

Eye contact
May cause slight irritation.

SECTION 12 Ecological information

Ecotoxicity
The product is not expected to be hazardous to the environment.

Persistance and degradability
Persistence and degradability
The product is not readily biodegradable.

Bioaccumulative potential
Bio-Accumulative Potential
Bioaccumulation is unlikely to be significant because of the low water-solubility of this product.

Partition coefficient
Not available.

Mobility in soil
Mobility
The product is insoluble in water.

Other adverse effects
Other adverse effects
None known

SECTION 13 Disposal considerations

Waste treatment methods

General information
Disposal of this product, process solutions, residues and by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any local authority requirements.

Disposal methods
Reuse or recycle products wherever possible. Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

SECTION 14 Transport Information

General
The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, DoT).

SECTION 15 Regulatory Information

US Federal Regulations
SARA Section 302 Extremely Hazardous Substances Tier II Threshold Planning Quantities
None of the ingredients are listed or exempt.
CERCLA/Superfund, Hazardous
Substances/Reportable
Quantities (EPA) None of the ingredients are listed or exempt.

CAA Accidental Release
Prevention None of the ingredients are listed or exempt.

US State Regulations

State Regulations Comments California Prop 65 Warning: This product contains
chemicals, as trace impurities and not intentionally added,
known to the state of California to cause cancer (C) and
birth defects or other reproductive (R) harm.

Massachusetts "Right To Know" List Not listed.
Rhode Island "Right To Know" List Not listed.
Minnesota "Right To Know" List Not listed.
New Jersey "Right To Know" List Not listed.
Pennsylvania "Right To Know" List Not listed.

Inventories

EU - EINECS/ELINCS
Zinc Ferrite EINECS

Canada - DSL/NDSL
Zinc Ferrite DSL

US - TSCA
Zinc Ferrite Present.

US - TSCA 12(b) Export Notification
Zinc Ferrite No.

Australia - AICS
Zinc Ferrite Yes

Korea - KECI
Zinc Ferrite Yes

China - IECSC
Zinc Ferrite Yes

Philippines - PICCS
Zinc Ferrite Yes

SECTION 16 Other information

Hazardous Material
Information System:

<table>
<thead>
<tr>
<th>Category</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Health</td>
<td>1</td>
</tr>
<tr>
<td>Flammability</td>
<td>0</td>
</tr>
<tr>
<td>Physical hazards</td>
<td>0</td>
</tr>
</tbody>
</table>

0=Insignificant 1=Slight 2=Moderate 3=High 4=Extreme
Zinc Ferrite Y30T

*=Chronic

The customer is responsible for determining the PPE code for this material.

National Fire Protection Association (U.S.A.):

SECTION 16 Other information

![Diagram with ratings]

Flammability
Health
Instability/Reactivity
Special

0= Minimal 1=Slight 2=Moderate 3=Serious 4=Severe

Yipin' method of hazard communication is comprised of Product Labels and Safety Data Sheets. HMIS and NFPA ratings are provided by Yipin as a customer service.

Notice to reader:

Approval or Revision History
Date of Issue: (mm/dd/yyyy) 07/28/2014
Revision May 2015 Revised Section(S) per HCS-GHS

Notice to Reader

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.

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