



**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

### IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY

Product Name: Orange Red  
Product Code: KT-6712  
Product Use : Colorant  
Manufacturer: KOLORTEK CO., LTD.  
No.9, HAIKOU ROAD  
HUAIAN, JIANGSU, CHINA  
0086-517-83797527 FOR CUSTOMER SERVICE  
0086-517-83799091 FOR ENVIRONMENT, HEALTH AND SAFETY

### COMPOSITION/INFORMATION ON INGREDIENTS

| Ingredient                   | Weight in Product (%) | Notes |
|------------------------------|-----------------------|-------|
| Mica<br>12001-26-2           | 50-55                 | None  |
| Titanium Oxide<br>13463-67-7 | 44-49                 | None  |
| Stannic oxide<br>18282-10-5  | 0-1                   | None  |
| Iron Oxide<br>1309-37-1      | 0-1                   | None  |

### 1. HAZARDS IDENTIFICATION

Emergency Overview:

Most Important Hazards: Prolonged or repeated exposure may cause lung damage

Potential Health Effects:

Inhalation: May cause irritation of the respiratory tract Prolong or repeated exposure cause lung damage.

Ingestion: No adverse health effects are expected from swallowing.

Skin Contact: May cause skin irritation

Eye Contact: Dust may cause irritation and inflammation

Chronic Health Hazards: Prolonged or repeated exposure to dust may cause pulmonary problems

Aggravated Medical Conditions: Pulmonary disorders, Allergies

### 2. FIRST AID MEASURES

Inhalation: Move person to fresh air. Aid in breathing, if necessary, and get immediate medical attention

Ingestion: If large quantities are ingested, seek medical advice .Not a hazard under normal use conditions.



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

Eye Contact: In case of contact, immediately flush eyes with plenty of water for at least 15 minutes and get medical attention if irritation persists.

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### **3. FIRE FIGHTING MEASURES**

Flash Point, °C: Not Applicable

Autoignition Temperature °C: Not Applicable

Lower Explosive Limit, %: Not Applicable

Upper Explosive Limit, %: Not Applicable

Extinguishing Media: Use extinguishing media appropriate for surrounding fire.  
The product itself does not burn

Fire Fighting Procedures: Positive pressure, self-contained breathing apparatus

Unusual Fire and Explosion Hazards: Not a fire or explosion hazard

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### **4. SPILLAGE, ACCIDENTAL RELEASE MEASURES**

Spill Procedures: Scoop up or vacuum into a container for reclamation or disposal avoid dusting

Environmental Precautions: No special environmental precautions require

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### **5. HANDLING AND STORAGE**

Material may be slippery when wet.

Store in cool dry place.

Avoid breathing dust.

Wash thoroughly after handling.

Avoid contact with eyes.

Use only with adequate ventilate on.

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### **6. EXPOSURE CONTROLS/PERSONAL PROTECTON**

Eye protective equipment: Safety glasses with side shields

Hand protection: Choosing the right material of gloves to be worn when handling the  
Dust or preparation

Respiratory protection: Use a NIOSH/MSHA approved respirator as necessary to protect  
From dust

Skin protection: Use apron, boots or full protective suit

Ventilation: General ventilation, Local exhaust ventilation is recommended control  
exposures to within applicable limits.



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### **7. PHYSICAL AND CHEMICAL PROPERTIES**

|                       |                             |
|-----------------------|-----------------------------|
| Form:                 | Powder                      |
| Color:                | Orange Red                  |
| Odor:                 | Odorless                    |
| PH:                   | 6.0-9.0(4%H <sub>2</sub> O) |
| Boiling Point, °C     | Not applicable              |
| Melting Point, °C     | Decomposes                  |
| Freezing Point, °C    | Not applicable              |
| Density :             | 3.0-3.1kg/L                 |
| Bulk Density:         | 24-28g/100g                 |
| Vapor Pressure:       | Not applicable              |
| Solubility (in water) | Insoluble                   |
| Particle size         | 10-60µm                     |

### **8. STABILITY AND REACTIVITY**

|                                       |                |
|---------------------------------------|----------------|
| Stability Data:                       | Stable         |
| Conditions/Hazards to Avoid:          | None known     |
| Incompatibility (Materials to Avoid): | None known     |
| Hazardous Decomposition Products:     | None known     |
| Polymerization:                       | Will not occur |
| Polymerization-Avoid:                 | None known     |

### **9. TOXICOLOGICAL INFORMATION**

This inorganic pigment in general are considered to be practically non-toxic  
Acute Toxicity Inhalation: Not Available.  
Carcinogenicity: Not available

### **10. ECOLOGICAL INFORMATION**

Information on product: No ecological problems are to be expected when the product is handled and used with due care and attention.  
Environmental Fate: No data available  
Ecotoxicological Information: No data available

### **11. DISPOSAL CONSIDERATIONS**

US EPA Waste Number: Not Regulated



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Disposal of Waste Method: This product, if disposed as received, is a non-hazardous waste. Local disposal laws and regulations will determine the proper waste disposal/reclamation procedure. Disposal requirements are dependent on the hazard classification and will vary by location and the type of disposal selected.

## **12. TRANSPORT INFORMATION**

International Transport Regulations:

UN/PIN Number: NONE

US Transportation Regulations:

DOT Classification: Not Regulated

Canadian Transportation of Dangerous Goods (TDG):

TDG Classification: Not Regulated

## **13. REGULATORY INFORMATION**

International inventories:

United States This product or its ingredients are listed on or compliant with the TSCA inventory.

Europe This product or its ingredients are listed on or compliant with EINECS.

Korea Not Determined

US Federal Regulations:

SARA 311/312 Hazard Categories:

Acute Health Hazard

CAA 602 Ozone Depleting Substances (ODS):

This product either contains nor is manufactured with an ozone depleting substance subject to the labeling requirements Of the Clean Air Act Amendments 1990 and 40 CFR Part 82.

VOC content: None

US State Regulations:

VOC Content (CARB): None

Canadian Regulations:

WHMIS Classification:

Not Regulated

## **14. OTHER INFORMATION**

Prepared By: **Kolortek Co., Ltd.**

The Material Safety Data Sheet (MSDS) is a detailed describes information bulletin prepared by the manufacturer or importer of a chemical that the physical and chemical properties, physical and health hazards, routes of



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exposure, precautions for safe handling and use, emergency and first-aid procedures, and control measures.

Information on an MSDS aids in the selection of safe products and helps prepare employers and employees to respond effectively to daily exposure situations as well as to emergency situations. We believe this information to be reliable and up-to-date as of the date of publication, but make no warranty that it is. Additionally, if this Material Safety Data Sheet is more than three years old, Please contact the supplier at the phone number listed in Section 1 to make certain that this sheet is current. Copyright Kolortek Corporation, License granted to make unlimited copies for internal use only.

---End of MSDS---