

## Material Safety Data Sheet

### 1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

#### Product Identifier

Trade name : Jet Glitter  
 Relevant identified uses of the substance or mixture and uses advised against : colouring agent  
 Uses advised against : not known  
 Details of the supplier of the safety data sheet  
 Manufacturer: Kolortek Co., Ltd.

### 2. HAZARD IDENTIFICATION

#### Classification of the substance or mixture

According to Regulation (EC) No. 1272/2008 (CLP) : not classified  
 According to Directive 67/548/EEC & Directive 1999/45/EC : not classified  
 Additional information : not available

#### Label elements

GHS label elements : not applicable  
 Hazard pictogram(s) : not applicable  
 Signal word(s) : not applicable  
 Hazard statement(s) : not applicable  
 Precautionary statement(s) : not applicable  
 Other hazards : not known

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical family : cellulose -aluminium-acrylates crosspolymer-carbon black. Contains no hazardous ingredients

| Common chemical name   | CAS No.    | EINECS No. | Colour Index | Chemical composition | Hazard classification According to directive 67/548/EEC & Directive 1999/45/EC, Regulation (EC) No. 1272/2008 (CLP) |
|------------------------|------------|------------|--------------|----------------------|---|
| Cellulose              | 9004-34-6  | 232-674-9  |              | 97.5-99.8            | Not classified  |
| Aluminium              | 7429-90-5  | 231-072-3  | 77000        | 0.1                  | Not classified  |
| Acrylates Crosspolymer | 25133-97-5 |            |              | 0-0.32               | Not classified  |
| Carbon black           | 1333-86-4  | 215-609-9  | 77266        | 0-1.3                | Not classified  |

#### 4. FIRST AID MEASURES

##### Description of first aid measures

|   |   |
|---|---|
| Inhalation: in case of accident by inhalation | : remove causality to fresh air and keep at rest  |
| Skin contact                                  | : wash affected skin with plenty of water   |
| Eye contact                                   | : if contact with eyes directly, flush with gently flowing fresh water thoroughly; If eye irritation persists, get medical advice/attention |
| Ingestion                                     | : if ingested, wash out mouth with water, drink milk or egg white   |
| Notes to physician                            | : no special measures are required  |

##### Most important systems and effects,

|                        |  |
|------------------------|--|
| Both acute and delayed |  |
| Actue                  | : none   |
| Long term (repeated)   | : may cause irritation to the respiratory system. Cough. Increased difficulty in breathing |

##### Indication of immediate medical attention and special treatment needed

|             |  |
|-------------|--|
| Recommended | : a. Chest XRay<br>b. Lung functionality tests |
|-------------|--|

#### 5. FIREFIGHTING MEASURES

##### Extinguishing media

|                                |  |
|--------------------------------|--|
| Suitable extinguishing media   | : extinguish with waterspray, foam or dry chemical |
| Unsuitable extinguishing media | : carbon dioxide                                   |

##### Special hazards arising from the substance or mixture

|                         |  |
|-------------------------|--|
| Thermal hazards         | : noncombustible. None anticipated   |
| Advice for firefighters | : fire fighters should wear complete protective clothing including selfcontained breathing apparatus |

#### 6. ACCIDENTAL RELEASE MEASURES

##### Personal precautions, protective equipment and emergency procedures

|                               |   |
|-------------------------------|---|
| Personal precautions          | : do not breathe dust   |
| Personal protection equipment | : wear appropriate personal protective equipment, avoid direct contact  |
| In case of emergency          | : a self contained breathing apparatus and suitable protective clothing should be worn in fire conditions                             |
| Environmental precautions     | : do not allow to enter drains, sewers or watercourses  |
| Methods and material for      |   |
| Containment and cleaning up   | : collect mechanically and dispose of according to Section 13. Use vacuum equipment for collecting spilt materials, where practicable |
| Reference to other sections   | : see sections 8 and 13   |

#### 7. HANDLING AND STORAGE

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According to EC Regulation 1907/2006 (REACH), 1272/2008 (CLP) & 453/2010

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Precautions for safe handling : avoid breathing dust

Conditions for safe storage

including any incompatibilities : keep container in a wellventilated place

Specific end use(s) : not known

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Control parameters : provide adequate ventilation when using the material and follow the principles of good occupational hygiene to control personal exposures

Exposure limit values : not known

### Exposure controls

Appropriate engineering controls : provide adequate ventilation to ensure that the occupational exposure limit is not exceeded. Isolate the dispersive process step away from other operations. This can be achieved by local exhaust ventilation or general ventilation

### Individual protections measures, such as personal protective equipment(PPE)

Hand/eye/face protection : wear gloves, eye protection and an approved dust mask if dust is generated during handling. Goggles giving complete protection to eyes. Dust mask covering nose and mouth

Skin protection : apron or other light protective clothing, boots and plastic or synthetic rubber gloves

Respiratory protection : dust mask covering nose and mouth

Thermal hazards : none

Environmental exposure controls : avoid dust generation. Avoid accumulation of dust

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Form : Flakes

Colour : Black

Odour : Mild odor

pH : not applicable

Boiling point, ° C : not applicable

Melting point, ° C : not applicable

Freezing point, ° C : not applicable

Bulk density : not applicable

Vapour pressure : not applicable

Specific Gravity : >1(water=1)

Solubility (in water) : Not available

Particle size : 008

## 10. STABILITY AND REACTIVITY

Reactivity : there may be violent or incandescent reaction of the product with metals at high

temperatures (e.g., aluminium; calcium; magnesium; potassium; sodium; zinc; lithium)

Chemical stability : stable under normal conditions

Possibility of hazardous reactions : none

Conditions to avoid : Excessive heat or flame

Incompatible materials : strongly acidic, strongly alkaline, oxidizing agents

Decomposition products : no information available

## 11. TOXICOLOGICAL INFORMATION

### Information on toxicological effects

This inorganic pigment in general is considered to be practically nontoxic.

Acute toxicity : not available

Carcinogenicity : not available

## 12. ECOLOGICAL INFORMATION

Toxicity : no data

Bioaccumulative potential : no data

Mobility : Degrades quickly in tap water.

Results of PBT and vPvB assessment : not applicable

Other adverse effects : not known

## 13. DISPOSAL CONSIDERATIONS

Waste treatment methods : dispose of contents in accordance with local, state or national legislation

## 14. TRANSPORT INFORMATION

Not classed as dangerous for transport.

| International Transport Regulations                                     | ADR/RID                    | ADN            | IMDG           | ICAO/IATA      |
|---|----------------------------|----------------|----------------|----------------|
| UN number   | Not applicable             | Not applicable | Not applicable | Not applicable |
| Proper shipping name  | Not applicable             | Not applicable | Not applicable | Not applicable |
| Transport hazard class(es)  | Not applicable             | Not applicable | Not applicable | Not applicable |
| Packing group   | Not applicable             | Not applicable | Not applicable | Not applicable |
| Environmental hazards   | None                       | None           | None           | None           |
| Special precautions for user  | None                       | None           | None           | None           |
| Transport in bulk according to Annex II of MARPOL73/78 and The IBC Code | Not applicable             | Not applicable | Not applicable | Not applicable |
| Hazard label(s)   | Not applicable             |                |                |                |
| Additional information  | Custom tariff No. 32061900 |                |                |                |

## 15. REGULATORY INFORMATION

According to Directive 67/548/EEC &

Directive 1999/45/EC

: not classified as dangerous for supply/use

Safety, health and environmental

regulations/legislations specific for the

substance or mixture

:not available

## 16. OTHER INFORMATION

Annex to the extended Safety Data Sheet (eSDS)

ADR : European Agreement concerning international carriage of Dangerous goods by Road

CAS : Chemical Abstracts Service

EC : European Community

ICAO : International Civil Aviation Organization

IMDG : International Maritime Dangerous Goods

IATA : International Air Transport Association

### DATA SOURCES

NPIRI Raw Material Handbook, Volume 4, Pigments, Second Edition, 2001

Book on "Safe Handling of Pigments", European Edition 1995, BCMA, EPSOM ETAD, VdMi

HSDB

NIOSH ICSC

Hazardous Substance Fact Sheet, New Jersey Department of Health and Senior Service

We have described our product concerning possible safety requirements by the abovementioned information given to the best of our knowledge and experience. All data given are never meant to guarantee any quality description nor product properties