


## Safety Data Sheet

### 1. Identification of the substance / mixture and company / undertaking

|     |  |  |
|-----|--|--|
| 1.1 | <b>Product identifier</b>  | <b>HP011 Silver Glitter</b>  |
| 1.2 | <b>Relevant identified uses of the substance or mixture and uses advised against</b> | Mixture of substances made of silver coated fine glass flakes  |
| 1.3 | <b>Manufacturer/Supplier Represented in the EC</b>                                   | <i>General Paint Company, Ghazir, Lebanon TEL: + 961 9 925 990/1/2</i><br><br><i>Générale de Peinture, 70 Rue Cortambert 75116 Paris, France</i><br>TEL: +33(0)175293559 |
| 1.4 | <b>Emergency Phones</b>  | +33 (0)6 07 87 13 41(Europe)<br>+ 961 9 925 990/1/2 (Asia)<br>+1-800-535-5053 (Americas)   |

### 2. Hazards identification

|     |   |   |
|-----|---|---|
| 2.1 | <b>Classification of the substance or mixture</b> | <b>Classification according to Regulation EC 1272/2008 (CLP)</b><br>Skin Irrit2                      H315 Causes skin irritation.<br>Aquatic Chronic3              H412 Harmful to aquatic life with long lasting effects.  |
| 2.2 | <b>Label elements</b>                             | <b>Label in Accordance with (EC) No.1272/2008</b><br><br><br>Warning<br><b>Hazard statements</b><br>H315 Causes skin irritation.<br>H412 Harmful to aquatic life with long lasting effects.<br><b>Precautionary statements</b><br>P260 Do not breathe dust/fume/gas/mist/vapours/spray.<br>P262 Do not get in eyes, on skin, or on clothing.<br>P273 Avoid release to the environment.<br>P280 Wear protective gloves/protective clothing/eye protection/face protection.<br>P301+P310 IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.<br>P302+P352 IF ON SKIN: Wash with plenty of soap and water.<br>P331 Do NOT induce vomiting.<br>P332+P313 If skin irritation occurs: Get medical advice/attention.<br>P362 Take off contaminated clothing and wash before reuse.<br>P501 Dispose of contents/container in accordance with applicable regulations. |
| 2.3 | <b>Other hazards</b>                              | PBT and vPvB Substances: None   |

### 3. **Product composition / information**

3.1 **Substances** Not relevant  
3.2 **Mixtures**

| Chemical Name  | Composition (WT%) | CAS No.     | EC No.    | INDEX No.    | Classification (EC 1272/2008)   |
|--|-------------------|-------------|-----------|--------------|---|
| Glass oxide*   | 50.0-66.0         | 65997-17-3  | 266-046-0 | NC           | NC  |
| Silver*  | 16.0-24.0         | 7440-22-4   | 231-131-3 | NC           | NC  |
| Silicon dioxide**  | 4.0-10.0          | 7631-86-9   | 231-545-4 | NC           | NC  |
| Tin dioxide*   | 0-1.0             | 18282-10-5  | 242-159-0 | NC           | NC  |
| Kerosine (petroleum), hydrodesulfurized (01-2119462828-25-XX XX) | 13.0-17.0         | 64742-81-0, | 265-184-9 | 649-423-00-8 | Flam Liq 3, H226<br>Skin Irrit 2, H315<br>STOT SE3, H336<br>Asp Tox 1, H304<br>Aquatic Chronic2, H411 |

\*Not registered on REACH: Less than 1ton per year

\*Not registered on REACH: Annex V

### 4. **First-aid measures**

#### 4.1 **Description of first aid measures**

General notes: In case of persisting adverse effects, consult a physician.  
Remove contaminated clothing and shoes immediately and launder thoroughly before reuse.

Inhalation: Move victim to fresh air and keep at rest and get medical attention.

Skin contact: Remove contaminated clothing/shoes; wash contaminated area with clean running water and soap.  
If inflammation or pain occurs, get medical attention/advice.

Eye contact: Immediately rinse with plenty of clean running water for 15 minutes or more and get medical attention/advice. Not rub victim's eyes. In the case victim wears contact lenses, remove them if possible.

Ingestion: Not force victim to vomit. If victim is consciousness, firstly rinse mouth with water. If victim feels badly, get medical attention/advice.

Self-protection of the first aider:  
In case of inhalation, first aid provider should wear protective mask, in case of skin contact, wear protective equipment such as rubber gloves. Wear protective glasses if necessary.

#### 4.2 **Most important symptoms and effects, both acute and delayed**

No information available.

#### 4.3 **Indication of any immediate medical attention and special treatment needed**

No specific recommendations.

### 5. **Fire-fighting measures**

#### 5.1 **Extinguishing media**

Suitable: Powder extinguisher, carbon dioxide gas, dry sand, glass fiber clothing, mica powder

Unsuitable: Water, extinguishing media containing water, halogen extinguishing media

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

Do not inhale explosion and combustion or mixture.

#### 5.3 **Advice for fire-fighters**

Cut off air supply to the burning material.

Shut down electric current running through the fire area.

Remove all fire and spark sources from the fire area.

Wear protective clothing and self-contained breathing apparatus.

Move unaffected containers to safe area if physically and safely possible.

Do not break up burning solid. (Explosion and fire expansion hazard)

## 6. Accidental release measures

- 6.1 Personal precautions, protective equipment and emergency procedures**  
Wear appropriate protective equipment (see 8. Exposure control/personal protection) and avoid contact with eye/skin and inhalation of gas/dust. If in doors, adequately ventilate until processing is complete.  
Use equipment that do not cause spark.
- 6.2 Environmental precautions**  
Do not release leakage to river or sewage directly.
- 6.3 Methods and materials for containment and cleaning up**  
Stop leakage, if safe to do so. When leaked from the package wipe with cloth (waste cloth) and store in sealed package where no water, acid or alkali exists. Dispose of as industrial waste.  
Avoid flowing into drainage, sewage or the basement and other closed places.
- 6.4 Prevention of secondary disaster**  
Refer to '8. EXPOSURE CONTROLS/PERSONAL PROTECTION.'

## 7. Handling and storage

- 7.1 Precautions for safe handling**  
Install equipment described in '8. EXPOSURE CONTROLS/PERSONAL PROTECTION' for local exhaust/total ventilation.  
Do not handle until all the safety precautions have been read and understood.  
Prohibit using high temperature material, spark or fire in surrounding area.  
Do not eat, drink or smoke when using this product.  
Wash the hands thoroughly after handling.  
Avoid swallow and contact with skin.  
Use only outdoors or in a well-ventilated area.  
Do not breathe dust, fume, gas, mist, vapor, spray.  
Install ventilation for exhaust to keep the concentration in the air below the exposure limit.  
Avoid release to the environment.
- 7.2 Conditions for safe storage, including any incompatibilities**  
In the store room, install the day lighting, lighting, and ventilating equipment needed for storing or handling the product.  
Apply the fireproof structure to walls, pillars and floors of the storage room. Use noncombustible material for beams.  
For floors of the storage room, apply a structure that prevents water influx/infiltration.  
Store away from ignition sources such as heat, spark or fire. -No smoking.  
Store away from oxidizing agent.  
Store in sealed container at fixed place where protection from light and ventilation are adequate and temperature (40°C) and humidity are appropriate.
- 7.3 Specific end use(s)** None in particular

## 8. Exposure controls/personal protection

- 8.1 Control parameters**
- |   |               |                                 |
|---|---------------|---------------------------------|
| Kerosine (petroleum), hydrodesulfurized | TLV (ACGIH)   | 100ppm                          |
|   | PEL (OSHA)    | 500ppm                          |
|   | OEL (Belgium) | LTE : 200mg/m3                  |
| Silver                                  | TLV (ACGIH)   | 0.1 mg/m3 dust and fume (metal) |
|   | PEL (OSHA)    | 0.01 mg/m3, asAg                |
|   | OEL (Belgium) | LTE : 0,1 mg/m3                 |
| Silicon dioxide                         | OEL (Belgium) | LTE : 10mg/m3                   |

**8.2 Exposure controls**

- Engineering controls: Use explosion-proof electrical/ventilating/lighting equipment.  
When dust/fume/mist/gas is generated at high temperature install ventilation equipment to keep concentration of air pollutant below administrative level/acceptable concentration limit.  
Handle in the place where total ventilation is installed.

General proper ventilation is good for control the concentration in the air.

Personal protective equipment:

Respiratory organ: In case ventilation is not adequate, wear appropriate respiratory protection.  
Use personal respiratory protective equipment as required.

Hand: Use personal protective gloves as required.

Eye: Wear appropriate eye protection.

Skin and body: Wear appropriate face protection.  
Use personal antistatic protective clothing and protective mask as required.

Environmental exposure controls: Not available.

## 9. Physical and chemical properties

### **9.1 Information and chemical properties**

|   |  |
|---|--|
| Appearance                              | Metallic powder  |
| Odour                                   | Petroleum  |
| Odour threshold                         | N.A.   |
| Ph                                      | N.A.   |
| Melting point/freezing point            | N.A.   |
| Initial boiling point and boiling range | 130 °C (Kerosine (petroleum), hydrodesulfurized)                 |
| Flash point                             | 40-45 °C (Kerosine (petroleum), hydrodesulfurized)               |
| Evaporation rate                        | N.A.   |
| Flammability                            | N.A.   |
| Flamm. or expl. Limits                  | lower:4.9% upper: 0.8% (Kerosine (petroleum), hydrodesulfurized) |
| Vapour pressure                         | ca. 5 mmHg at 20 °C (Kerosine (petroleum), hydrodesulfurized)    |
| Vapour density                          | N.A.   |
| Relative density                        | 2.1 (calculated)   |
| Solubility                              | Insoluble  |
| Partition coefficient: n-octanol/water  | N.A.   |
| Auto-ignition temp.                     | Ca. 245 °C (Kerosine (petroleum), hydrodesulfurized)             |
| Decomposition temp.                     | N.A.   |
| Viscosity                               | N.A.   |
| Explosive Properties                    | N.A.   |
| Oxidising Properties                    | N.A.   |

\*This product is not classified to H304 by ASTM D 4359-90.

## Stability and reactivity

|             |   |   |
|-------------|---|---|
| <b>10.1</b> | <b>Reactivity</b>                         | Stable under normal conditions.                         |
| <b>10.2</b> | <b>Chemical stability</b>                 | Stable in air or under light shielded condition.        |
| <b>10.3</b> | <b>Possibility of hazardous reactions</b> | Not react with water and not a self-reactive substance. |
| <b>10.4</b> | <b>Conditions to avoid</b>                | High level of moisture                                  |
| <b>10.5</b> | <b>Incompatible materials</b>             | None in particular.                                     |
| <b>10.6</b> | <b>Hazardous decomposition products</b>   | None in particular.                                     |

## Toxicological information

### **11.1 Information on toxicological effects**

Toxicological information of the mixture:

H315 Category 2 is more than 10% and classified as Category 2.

Toxicological information on the main components of this product;

Kerosine (petroleum), hydrodesulfurized

|                   |                   |
|-------------------|-------------------|
| LD50 (Oral)       | Rat >5000mg/kg    |
| LD50 (Inhalation) | Rat >5.28mg/l     |
| LD50 (dermal)     | Rabbit >2000mg/kg |

## 1 2 . Ecological information

|            |   |
|------------|---|
| <b>121</b> | <b>Toxicity</b><br>Kerosine (petroleum), hydrodesulfurized<br>LC50 Crustaceans 48H 0.42-2.3mg/L |
| <b>122</b> | <b>Persistence and degradability</b><br>No information at this point.                           |
| <b>123</b> | <b>Bio accumulative potential</b><br>No information at this point.                              |
| <b>124</b> | <b>Mobility in soil</b><br>No information at this point.  |
| <b>125</b> | <b>Results of PBT and vPvB assessment</b><br>PBT and vPvB Substances: None                      |
| <b>126</b> | <b>Other adverse effects</b><br>No information at this point.                                   |

## 1 3 . Disposal considerations

|             |   |
|-------------|---|
| <b>13.1</b> | <b>Waste treatment methods</b><br>Waste to be treated as controlled waste.<br>Disposal to licensed waste disposal site in accordance with local Waste Disposal Authority. |
|-------------|---|

## 1 4 . Transport information

|             |   |
|-------------|---|
| <b>14.1</b> | <b>UN number</b><br>Not applicable  |
| <b>14.2</b> | <b>UN proper shipping name</b><br>Not applicable  |
| <b>14.3</b> | <b>Transport hazardous class(es)</b><br>Not applicable  |
| <b>14.4</b> | <b>Packing group</b><br>Not applicable  |
| <b>14.5</b> | <b>Environmental hazards</b><br>Not applicable  |
| <b>14.6</b> | <b>Special Precaution for User</b><br>Not applicable  |
| <b>14.7</b> | <b>Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code</b><br>Not applicable |

## 1 5 . Regulatory information

|            |   |
|------------|---|
| <b>151</b> | <b>Safety, health and environmental regulations/legislation specific for the substance or mixture</b><br>Directives 98/24/EC (Risks related to chemical agents at work)<br>Directives 2000/39/EC (Occupational exposure limit values)<br>Where applicable, refer to the following regulatory provisions:<br>Directives 2003/105/CE ('Activities linked to risks of serious accidents') and subsequent amendments.<br>Regulation (EC) nr 648/2004 (detergents.)<br>1999/13/EC (VOC directive.) |
| <b>152</b> | Chemical Safety Assessment: None  |

## 1 6 . Other information

Full text of phrases referred to in Section 3.

|      |   |
|------|---|
| H226 | Flammable liquid                                |
| H304 | May be fatal if swallowed and enters airways    |
| H315 | Causes skin irritation.                         |
| H336 | May cause drowsiness or dizziness.              |
| H411 | Toxic to aquatic life with long lasting effects |

Main bibliographic sources  
Annex VI of Regulation 1272/2008  
ECHA European Chemicals Agency  
ESIS Existing Chemical Substances Information System  
Information on Hazardous Chemicals and Occupational Diseases

Revision contents: REACH information was added in Section 3.

Format and contents of SDS prepared and approved by: *General Paint Company* TEL: + 961 9 925 990/1/2



**Disclaimer:**

This Safety Data Sheet provides reference information to ensure the safe handling of the product. The descriptions herein are based on the currently available information and data but no guarantee is given for its contents, or the product's physic-chemical properties, risk or hazard. The precautions herein are for normal handling. If you use this product under the special conditions, take safety measures appropriate for the special use and usage