

MATERIAL SAFETY DATA SHEET

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product name : **IH. Bronze Mas.**
Chemical Description : Bronze Powder
Supplier : Atlantic Ocean Paint
Jl. Raya Kepatihan Industri I No.6 A
Menganti – Gresik. Indonesia.
Emergency : Telp. 031 - 51203009 (hunting) 99008814
Fax. 031 - 51203099

2. HAZARDS IDENTIFICATION

Physical and chemical Hazards : Flammable only when heated to a temperature equal to or higher than its flash point. Not self – igniting.
Not explosive.
Adverse Human Health Hazards : Skin irritation resulting from solvent. Mild irritation by swallowing and inhalation.
Environment Hazards : May cause slight adverse effects to aquatic environment.

3. PHYSICAL AND CHEMICAL PROPERTIES.

Colour : Bronze
Odour : Light aliphatic odor
Melting point (solid content) : 600 °C
Boiling point (solid content) : 2056 ° C
Boiling point (solvent) : 200 – 250 ° C
Ignition point : > 300 ° C
Flash point (solvent) : 81 ° C
Explosion upper limit o/o (V/V): 7.0 Vol % (solvent)
Explosion bottom limit o/o (V/V): 0.6 Vol % (solvent)
Saturation vapor pressure : < 10 HPA (solvent)
Relative density : (warter = 1) : 1.3 – 1.5 g / cm³ :
Solubility : insoluble in water.

4. FIRE FIGHTING METHOD & MEDIA :

Extinguishing Media : Dry sand special powder for metal fires. Do not use water.
Protective equipment : Wear fully protective suit.

5. HEALTH EFFECTS & FIRST AID PROCEDURES.

Eye Contact : Contact with the eyes may cause irritation. Flush eyes with clear water 15 minutes or until irritation subside. Call a physician if irritation persists
Skin contact : Prolonged or repeated skin contact may cause mild irritation and possible dermatitis. Remove contaminated clothing, wash skin with soap and water
Inhalation : Remove from the exposure and supply fresh air. If necessary, call a physician.
Ingestion : If necessary, call a physician.

6. HANDLING AND STORAGE

Waste disposal method : Dispose in approved hazardous waste landfill.

HANDLING AND STORAGE METHODS :

In transferring Bronze paint, prevent formation of dust. Use non – sparking handling equipment. Bronze paint stored in warehouses should be stored in original shipping containers and kept tightly sealed. Avoid contacting the Bronze with water. Store in a cool, dry location. Protect from heat, electrostatic charges, and ignition sources.

7. TOXICOLOGICAL INFORMATION

Aluminum : No toxic effect..

Solvent : Nontoxic.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION.

ENGINEERING MEASURE :

Local exhaust ventilation, explosion proof and avoid possible source of ignition and open lights.

Personal protective equipment :

Respiratory : Use approved respirator.

Eye : Safety goggles.

Hand : Chemical resistant gloves.

Skin and body : Avoid constant contact and use protective cream when necessary.

9. OTHER INFORMATION

No other information available

This Information only concerns the above mentioned product and need not be valid if used with other products or process.

The information is to our best knowledge correct and complete and is given in good faith but without warranty.

It remains the users own responsibility to make sure that the information is correct and complete for his special use of the product.

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