

Material Safety Data Sheet

Revision Date: Nov. 4th 2019

SECTION I - IDENTIFICATION OF THE PREPARATION AND THE COMPANY

PRODUCT NAME: Aluminium Pellets

GRADE: JH-5103 JH5003 JH5008 JHM0620 JHM-1020 JHM1220 JHM1520 JHM1820 JHM3020 JHM4020
JHM4020 JHM5020 JHM6020 JHM8020 JHM10020

MANUFACTURER: shan dong jie han metal material co.,ltd
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SECTION II - COMPOSITION

CHEMICAL CHARACTERIZATION: Mixtures

DESCRIPTION: Mixture of substances listed below with nonhazardous additions

COMPONENTS:

Aluminium powder(coated flake)	7429-90-5	78-82%
PE wax	9002-88-4	28-32%

SECTION III - HAZARDS IDENTIFICATION

HAZARD CLASS: none.

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 continual touch. Mild irritation by swallowing and inhalation.

ENVIRONMENT HAZARDS: No adverse effects to aquatic environment.

SECTION IV - 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.

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SECTION V- FIRE FIGHTING METHOD & MEDIA

EXTINGUISHING MEDIA: Dry sand. Special powder for metal fires. Do not use water.

PROTECTIVE EQUIPMENT: Wear fully protective suit.

Cover the fire with dry sand or mica powder and allow it to sit quietly until it has cooled. Refer to Part 4 for emergent cases if necessary.

SECTION VI- ACCIDENTAL RELEASE MEASURES:

When accidental spillage occurs, the paste can be swept up and absorbed with suitable fire fighting materials such as dry sand. Using non-sparking tools transfer spilled materials to a leak proof container. Person handling this shall be in proper personal protective equipment.

SECTION VII- HANDLING & STORAGE

WASTE DISPOSAL METHOD: Dispose in approved chemical waste landfill.

HANDLING AND STORAGE METHODS:

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

SECTION VIII- 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

SECTION IX- CHEMICAL & PHYSICAL PROPERTIES

PHYSICAL FORM: Pelletized

COLOR: Silver grey

ODOUR: Light special odor

MELTING POINT (aluminium): undetermined

BOILING POINT (aluminium): undetermined

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FLASH POINT (PE wax): 40°C (ASTM Designation: D93)

EXPLOSION UPPER LIMIT % (V/V): undetermined

EXPLOSION BOTTOM LIMIT % (V/V): undetermined

SOLUBILITY : insoluble in water

The product is not self-igniting and not explosive.

SECTION X- REACTIVITY

STABILITY: Stable under normal storage conditions

CONDITIONS AND MATERIALS TO AVOID:

High temperatures, open flames, open light, water, acids, alkalis and strong oxidizing agents, and electric spark of static electricity.

SECTION XI- TOXICOLOGICAL INFORMATION

Aluminum : No toxic effect

Polyethylene wax: Nontoxic

Refer to Part 4 for additional information.

SECTION XII- ECOLOGICAL INFORMATION

BIODEGRADABILITY: No adverse effects to acute toxicity aquatic environment.

BIOACCUMULATION: It is estimated that no acute toxicity to aquatic organisms and no long-term adverse hazards to aquatic system.

SECTION XIII- DISPOSAL CONSIDERATION

Dispose it using approved chemical waste company, complying with the local regulations. Do not allow product to reach sewage system.

SECTION XIII- TRANSPORT INFORMATION

GENERAL: Flammable only when heated to a temperature equal to or higher than its flash point. Not self-igniting. Not explosive.

PACKAGING METHOD: Packed with plastic bags inside iron drums

Transport the paste with care, avoiding direct sunlight and rain-water. Handling and precautionary measures are taken to comply with local regulations.

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SECTION XV- REGULATORY INFORMATION

RISK PHRASES: R65 Harmful: may cause lung damage if swallowed.
R66 Repeated exposure may cause skin dryness or cracking.

SAFETY PHRASE: S7/8 Keep container tightly closed and dry.
S24/25 Avoid contact with skin and eye.
S43 In case of fire, use dry sand. Never use water.

SECTION XVI- REMARKS

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