

SAFETY DATA SHEET

BRICOPRINT SILVER POWDER

MVVV091

1. Identification of the substance/preparation and of the company/undertaking

Product name : BRICOPRINT SILVER POWDER Supplier : Brenntag UK and Ireland
 Albion House
 Rawdon Park
 Green Lane
 Yeadon
 Leeds
 LS19 7XX

Chemical product name : Aluminium powder.

EMERGENCY ONLY : (N.C.E.C. CULHAM) 01865 407333 Telephone No. : (0113) 3879200
 TELEPHONE NUMBER : Fax No. : (0113) 3879280

2. Composition/information on ingredients

Substance/Preparation : Substance

Chemical name*	CAS No.	%	EC Number	Symbol	R-Phrases
1) Aluminium ,phlegmatisiert		>95		F	R10, R15

* Occupational Exposure Limit(s), if available, are listed in Section 8

3. Hazards identification

Physical/chemical Hazards : Flammable.
 Contact with water liberates extremely flammable gases.

4. First-aid measures

First-Aid measures

Inhalation : If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Obtain medical attention.

Ingestion : Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. If large quantities of this material are swallowed, call a physician immediately. Loosen tight clothing such as a collar, tie, belt or waistband.

Skin contact : In case of contact, immediately flush skin with plenty of water. Remove contaminated clothing and shoes. Wash clothing before reuse. Clean shoes thoroughly before reuse. Obtain medical attention.

Eye Contact : In case of contact, immediately flush eyes with a copious amount of water for at least 15 minutes. Obtain medical attention.

5. Fire-fighting measures

Extinguishing Media

Suitable : Flammable solid.
 SMALL FIRE: Use DRY chemical powder.
 LARGE FIRE: Use water spray or fog. Cool containing vessels with water spray in order to prevent pressure build-up, autoignition or explosion.

Hazardous thermal (de)composition products : Hydrogen chloride, Hydrogen, Risk of dust explosion

Special fire-fighting procedures : Fire fighters should wear self-contained positive pressure breathing apparatus (SCBA) and full turnout gear.

Protection of fire-fighters : Be sure to use an approved/certified respirator or equivalent.

6. Accidental release measures

Personal Precautions : Splash goggles. Protective overalls/suit. Boots. Gloves. Select appropriate protective clothing for the size of the spillage.

Environmental precautions and cleanup methods : Flammable solid that, in contact with water, emits flammable gases.
 Stop leak if without risk. Do not get water inside container. Do not touch spilled material. Cover with dry earth, sand or other non-combustible material. Prevent entry into sewers, basements or confined areas; dike if needed. Eliminate all ignition sources. Dispose of according to all federal, state and local applicable regulations.

7. Handling and storage

Handling	: Keep away from heat. Keep away from sources of ignition. Ground all equipment containing material. Do not breathe dust.
Storage	: Keep container tightly closed. Keep from any possible contact with water. Do not allow water to get into container because of violent reaction.
<u>Packaging materials</u>	
Recommended use	: Use original container.

8. Exposure controls/personal protection

Engineering measures	: Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below recommended exposure limits. If user operations generate dust, fume or mist, use ventilation to keep exposure to airborne contaminants below the exposure limit.
Hygiene measures	: Wash hands after handling compounds and before eating, smoking, using lavatory, and at the end of day.
Workplace Exposure Limits	: Not available.
<u>Personal protective equipment</u>	
Respiratory system	: Wear appropriate respirator when ventilation is inadequate.
Skin and body	: Overalls or Lab coat.
Hands	: Gloves.
Eyes	: Splash goggles.

9. Physical and chemical properties

Physical state	: Solid. (Powdered solid.)
Colour	: Silver.
Odour	: Odourless.
Boiling point	: 2467°C (4472.6°F)
Melting point	: >660°C (1220°F)
Density	: 2.7 g/cm ³
Solubility	: Insoluble in cold water.
pH	: Not applicable.
Flash point	: Not available.
Autoignition temperature	: >600°C (1112°F)

10. Stability and reactivity

Stability	: The product is stable.
Materials to avoid	: Reacts with acids, alkalis and oxidising agents.
Hazardous decomposition products	: Hydrogen chloride, Hydrogen, Risk of dust explosion

11. Toxicological information

Local effects

Acute toxicity	: LD50: Not available. LC50: Not available.
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12. Ecological information

Ecotoxicity	: Do not allow product to reach ground water course or sewage system.
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13. Disposal considerations

Methods of disposal : Waste of residues ; Contaminated packaging	: Waste must be disposed of in accordance with federal, state and local environmental control regulations.
Waste Classification	: Not applicable.

14. Transport information

International transport regulations

UN : UN number 1309
 UN : Proper shipping name ALUMINIUM POWDER, COATED
 UN : Class 4.1
 UN : Packing group II
 UN : Label



ADR/RID : Class 4.1
 ADR/RID : Hazard identification number 40
 IMDG : Proper shipping name ALUMINIUM POWDER, COATED
 IMDG : Packing group II

IATA : Proper shipping name ALUMINIUM POWDER, COATED
 IATA : Packing group II
 IATA : Additional Information -

15. Regulatory information

EU Regulations

Hazard symbol(s) :



Classification : Highly flammable
 Risk Phrases : R10- Flammable.
 R15- Contact with water liberates extremely flammable gases.
 Safety Phrases : S7/8- Keep container tightly closed and dry.
 S43- In case of fire, use dry sand. Never use water.
 Product Use : Classification and labelling have been performed according to EU directives 67/548/EEC, 88/379/EEC, including amendments and the intended use.
 - Consumer applications.

16. Other information

HISTORY

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Version 1

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