

Material Safety Data Sheet

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

Product details

.Trade name: Regular Fingerprint Powder(black)

.Application of the substance: The powder used in dusting for fingerprints.

.Manufacturer/Supplier: Hangzhou Silver Arrow Forensics Tech. Ltd.

Tel: +86-571-82756110 82758110

Fax: +86-571-82685110

.Information in case of emergency:

Tel: +86-13588726110

2 Composition/information on ingredients

.Chemical characterization

.Description: The component of this product is in the form of element listed below with additions.

Components Number	CAS Number	Approximate(%)by Wt.Or Vol.	GHS Classification	Workplace Exposure Limit	
				OSHA PEL(mg/m3)	ACGIH TLV(mg/m3)
Magnetite	1309-38-2	>55%	-	15mg/m3	10mg/m3
Plant powder	-	>25%	-	Not available	Not available
Pumice	1332-09-8	<20%	-	Not available	Not available

3. Hazards identification

Potential Health Effects:

.Eye: None expected under normal use conditions.

.Skin: None expected under normal use conditions.

.Ingestion: Product dust may be irritating to eyes, skin and respiratory system. Over-exposure by inhalation may cause respiratory irritation.

.Inhalation: Dust may irritate digestive tract.

4 First aid measures

Persons using these products should consult a physician or other medical professional if an accident involving these products in injury. Specific first-aid measures are as follows:

. Eye Contact: Flush eyes thoroughly with water, holding open eyelids. Get medical attention if irritation persists. Obtain immediate medical attention for foreign body in the eye.

.Skin Contact: Flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Wash clothing before reuse. Destroy contaminated shoes.

.Inhalation: Get medical aid immediately. Remove from exposure and move to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen.

.Ingestion: If dust is swallowed, seek medical attention. Do not induce vomiting. If victim is conscious and alert, give 2-4 cupfuls of milk or water. Never give anything by mouth to an unconscious person. Get medical aid immediately.

5 Fire-fighting measures

.Extinguishing Media: Use carbon dioxide, appropriate foam or dry chemical.

.Special Fire Fighting Procedures: Firefighters should not enter confined spaces without wearing NIOSH/MSHA approved positive pressure breathing apparatus (SCBA) with full face mask and full protective equipment.

.Unusual Fire and Explosion Hazards: This product is not combustible, however, dust may form explosive mixture in air. The product creates flammable/explosive dusts or hazard fumes under fire conditions.

.Explosion Sensitivity to Mechanical Impact: Not available.

.Explosion Sensitivity to Static Discharge: Not available.

6 Accidental release measures

.Release Response: Pick up, sweep up or vacuum and place in a container for disposal. Minimize generation of dust. Avoid dust formation. Evacuate area of all unnecessary personnel. Avoid contact with skin, eyes and clothing. Use personal protective equipment. Fine dust dispersed in air may ignite.

.Measures for environmental protection: Avoid disposing into drainage/sewer system or directly into the aquatic environment.

7 Handling and storage

.Handling:

.Information for safe handling:

Dusts or powders may form explosive mixtures with air. Avoid breathing dusts or fumes. Ensure good ventilation/exhaustion at the workplace. Wash thoroughly after handling. Remove contaminated clothing and wash before reuse.

.Information about fire and explosion protection:

Do not handle, store or open near an open flame, sources of heat or sources of ignition.

.Storage:

.Requirements to be met by storerooms and receptacles:

Store in a cool, dry, well-ventilated area away from oxidizing agents.

.Information about storage in one common storage facility:

Keep container tightly sealed.

.Further information about storage condition: Store in cool, dry conditions in well sealed containers.

8 Exposure controls/personal protection

.Engineering Controls: Use local exhaust or general ventilation as required to minimize exposure to dust and maintain the concentration of contaminants below the TLVs. Wash hands during breaks and at the end of the work. Avoid contact with the eyes and skin.

.Personal Protective Equipment:

.Protection of Hands: Appropriate protective gloves should be worn as necessary.

.Protection of Eyes: Wear appropriate protective eyeglasses or chemical safety goggles.

.Protection of Respiratory Tract: Selection of respiratory protection depends on the contaminant type, form and concentration. Select and use respirators in accordance with OSHA 1910.134 and good industrial hygiene practice.

.Protection of Body: Wear appropriate protective clothing to minimize contact with skin.

.General protective and hygienic measures: Not available.

.Material of Gloves: Cloth or leather gloves recommended.

9. Physical and chemical properties

.General Information

.Form:	Powder
.Color:	Black
.Odor:	Odorless

.Change in condition

.Melting point/Melting range:	<100 °C
.Boiling point/Boiling range:	Not available

.Flash point: Not available

.Self-igniting: Not available

.Danger of explosion: Not available

.Vapour pressure : Not available

.Partition coefficient (n-octanol / water): Not available

.Density:

.Relative density: >1 g/m³

.Vapor density: Not available

.Evaporation rate : Not available

.Solubility in/Miscibility with Water: Insoluble

.PH- Value: Not available

.Viscosity: Not available

.Dynamic: Not available

10 Stability and reactivity

.Chemical Stability: Stable at room temperature under normal storage and handling conditions.

. Dangerous Decomposition Products: None under normal use.

.Hazardous Polymerizations: Will not occur.

.Conditions to Avoid: Avoid dust formation. Avoid generation of airborne fume.

11 Toxicological information

.Potential Health Effects:

.Acute Effect: Dust concentrations above the permissible exposure limits may cause temporary respiratory tract discomfort and irritation of eyes.

.Chronic Effects: Long term exposure to dust may cause irreversible lung damage.

.LD50: Not available.

12 Ecological information

.Ecotoxicological effects:

.Effect of material on plants or animals: Not expected to be harmful to terrestrial organisms.

.Effect of material on plants or aquatic life: Not expected to be harmful to aquatic organisms.

.Ecological data: Not available

13 Disposal considerations

.Waste Disposal Methods: Disposal recommendations based on material as supplied. Disposal must be in accordance with current applicable laws and regulations, and material characteristics at time of disposal.

.Recommendation Disposal must be made according to official regulations.

14 Transport information

.These products are not hazardous as defined by EU related Regulation and Directive.

.Proper shipping name: Not available

.Hazard class number and description: Not available

.Packing Group: Not available

.UN Identification: Not available

.Marine Pollutant: Not available.

.Attentions: Not available.

15 Regulatory information

Labeling according to the GHS(Globally Harmonized System of Classification and Labelling of Chemicals):

.GHS label symbols: Not applicable.

. Hazard Statement: Not applicable.

. Precautionary Statement Prevention: Not applicable.

. Precautionary Statement Response: Not applicable.

. Precautionary Statement Storage: Not applicable.

. Precautionary Statement Disposal: Not applicable.

Other National Regulations:

.SARA: Not available.

.ICAO/IATA: Not available.

.TSCA: Not available.

.DOT: Not available.

16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

.Emergency Telephone Number :

******The End******