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Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

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Version:

SB51366

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product name: **Product form** : Mixture
Product name : Magnetic Latent Print Powder, Silver/Black
Product code : BPMSBM9128

1.2. Relevant use: **Use of the substance/preparation** : Latent fingerprint powder

1.3. Details: **SIRCHIE Finger Print Laboratories**
 100 Hunter Place
 27596 Youngsville, NC - USA
 T 919-554-2244; 800-356-7311 - F 919-554-2266; 800-899-8181
<http://www.sirchie.com>

1.4. Emergency: **Emergency number** : 1.800.424.9300

SECTION 2: Hazards identification

2.1. Classification (GHS-US)
 Not classified

2.2. Label: **GHS-US labeling**
Hazard pictograms (GHS-US)



GHS02



GHS07

Signal word (GHS-US) : Warning

Hazard statements (GHS-US) : If this product is used as indicated it is unlikely that any adverse health issues will occur. Inhalation or ingestion of significant amounts may cause respiratory irritation and/or gastric disturbances.
 H228 - Flammable solid
 H302+H332 - Harmful if swallowed or if inhaled
 H320 - Causes eye irritation

Precautionary statements (GHS-US) : P201 - Obtain special instructions before use
 P210 - Keep away from open flames, sparks. - No smoking.
 P241 - Use explosion-proof electrical, lighting, ventilating equipment.
 P282 - Wear eye protection, protective gloves.
 P301+P330+P331 - IF SWALLOWED: Rinse mouth. Do NOT induce vomiting
 P305+P351+P338 - If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 P337+P313 - If eye irritation persists: Get medical advice/attention
 P402+P404 - Store in a dry place or in a tightly closed container.

2.3. Other hazards: **Other hazards not contributing to the classification** : None under normal conditions.

2.4. Unknown: **No data available**

SECTION 3: Composition/information on ingredients

3.1. Substance: **Not applicable**

3.2. Mixture:

Name	CAS No.	98	Not classified
iron(II,III)oxide	(CAS No.)1317-61-9	98	Not classified
aluminium,powder,coated,less dangerous	(CAS No.)7429-90-5	2	Not classified

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SECTION 4: First aid measures

- 4.1. Description**
- First-aid measures general : Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).
- First-aid measures after inhalation : Assure fresh air breathing. Allow the victim to rest.
- First-aid measures after skin contact : Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse.
- First-aid measures after eye contact : Rinse immediately with plenty of water. Obtain medical attention if pain, blinking or redness persist.
- First-aid measures after ingestion : Rinse mouth. Do NOT induce vomiting. Obtain emergency medical attention.

- 4.2. Most**
- Symptoms/injuries : Not expected to present a significant hazard under anticipated conditions of normal use.

- 4.3. Indication**
- No additional information available

SECTION 5: Firefighting measures

- 5.1. Extinction**
- Suitable extinguishing media : Foam. Dry powder. Carbon dioxide. Water spray. Sand.
- Unsuitable extinguishing media : Do not use a heavy water stream.
- 5.2. Specific**
- Reactivity : No reactivity hazard other than the effects described in sub-sections below.
- 5.3. Advice**
- Firefighting instructions : Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Avoid (reject) fire-fighting water to enter environment.
- Protection during firefighting : Do not enter fire area without proper protective equipment, including respiratory protection.

SECTION 6: Accidental release measures

- 6.1. Personal**
- 6.1.1. For non-emergency personnel
- Emergency procedures : Evacuate unnecessary personnel.
- 6.1.2. For emergency responders
- Protective equipment : Equip cleanup crew with proper protection.
- Emergency procedures : Ventilate area.
- 6.2. Environment**
- Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.

- 6.3. Methods**
- Methods for cleaning up : On land, sweep or shovel into suitable containers. Minimize generation of dust. Store away from other materials.

- 6.4. Reference**
- See Heading 8. Exposure controls and personal protection.

SECTION 7: Handling and storage

- 7.1. Precautions**
- Precautions for safe handling : Wash hands and other exposed areas with mild soap and water before eat, drink or smoke and when leaving work. Provide good ventilation in process area to prevent formation of vapor.
- 7.2. Conditions**
- Storage conditions : Keep only in the original container in a cool, well ventilated place away from : Keep container closed when not in use.
- Incompatible products : Strong bases. strong acids.
- Incompatible materials : Sources of ignition. Direct sunlight.

- 7.3. Specific**
- No additional information available

SECTION 8: Exposure controls/personal protection

- 8.1. Control**

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9.2. Exposure

Personal protective equipment

: Dust formation: dust mask. Gloves. Safety glasses. Avoid all unnecessary exposure.



Hand protection

: Wear protective gloves.

Eye protection

: Chemical goggles or safety glasses.

Respiratory protection

: Wear approved mask.

Other information

: When using, do not eat, drink or smoke.

SECTION 9: Physical and chemical properties

Physical state

: Solid

Appearance

: Powders.

Color

: black.

Odor

: odorless.

Odor threshold

: No data available

pH

: No data available

Relative evaporation rate (butyl acetate=1)

: No data available

Melting point

: No data available

Freezing point

: No data available

Boiling point

: No data available

Flash point

: No data available

Self ignition temperature

: No data available

Decomposition temperature

: No data available

Flammability (solid, gas)

: No data available

Vapor pressure

: No data available

Relative vapor density at 20 °C

: No data available

Relative density

: No data available

Solubility

: Insoluble in water.

Log Pow

: No data available

Log Kow

: No data available

Viscosity, kinematic

: No data available

Viscosity, dynamic

: No data available

Explosive properties

: No data available

Oxidizing properties

: No data available

Explosive limits

: No data available

9.3. Other

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

No reactivity hazard other than the effects described in sub-sections below.

10.2. Chemical

Stable under recommended handling and storage conditions (see section 7). Not established.

10.3. Physical

No reactivity hazard other than the effects described in sub-sections below. Not established.

10.4. Stability

Direct sunlight. Extremely high or low temperatures.

10.5. Incompatibility

strong acids. Strong bases.

10.6. Hazardous

fume. Carbon monoxide. Carbon dioxide.

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SECTION 11: Toxicological information

11.1. Inform

Acute toxicity	: Not classified
Skin corrosion/irritation	: Not classified
Serious eye damage/irritation	: Not classified
Respiratory or skin sensitization	: Not classified
Germ cell mutagenicity	: Not classifiedBased on available data, the classification criteria are not met
Carcinogenicity	: Not classified
Reproductive toxicity	: Not classifiedBased on available data, the classification criteria are not met
Specific target organ toxicity (single exposure)	: Not classified
Specific target organ toxicity (repeated exposure)	: Not classifiedBased on available data, the classification criteria are not met
Aspiration hazard	: Not classifiedBased on available data, the classification criteria are not met
Potential Adverse human health effects and symptoms	: Based on available data, the classification criteria are not met.

SECTION 12: Ecological information

12.1. Toxicity

No additional information available

12.2. Persistence

12.2.1. Persistence

Persistence and degradability	Not established.
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12.3. Bioaccumulation

12.3.1. Bioaccumulation

Bioaccumulative potential	Not established.
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12.4. Mobility

No additional information available

12.5. Other information

Other information	: Avoid release to the environment.
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SECTION 13: Disposal considerations

13.1. Waste

Waste disposal recommendations	: Dispose in a safe manner in accordance with local/national regulations.
Ecology - waste materials	: Avoid release to the environment.

SECTION 14: Transport information

In accordance with ADR / RID / ADN / IMDG / ICAO / IATA

14.1. UN number

Not applicable

14.2. UN proper

Not applicable

14.3. Additional

Other information	: No supplementary information available.
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Overland transport

No additional information available

Transport by sea

No additional information available

Air transport

No additional information available

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SECTION 15: Regulatory information

15.1 US Federal Regulations

Magnetic Labeling

Listed on the United States TSCA (Toxic Substances Control Act) inventory

15.2 International

CANADA

No additional information available

EU-Regulations

No additional information available

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Classification according to Directive 67/548/EEC or 1999/45/EC

Not classified

15.2.2. National regulations

No additional information available

15.3 US State

No additional information available

SECTION 16: Other information

NFPA health hazard

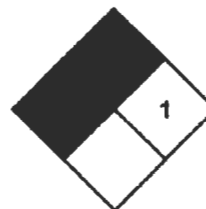
: 1 - Exposure could cause irritation but only minor residual injury even if no treatment is given.

NFPA fire hazard

: 2 - Must be moderately heated or exposed to relatively high temperature before ignition can occur.

NFPA reactivity

: 1 - Normally stable, but can become unstable at elevated temperatures and pressures or may react with water with some release of energy, but not violently.



HMIS III Rating

Health

: 1 Slight Hazard - Irritation or minor reversible injury possible

Flammability

: 2 Moderate Hazard

Physical

: 1 Slight Hazard

Personal Protection

: E

SDS US (GHS HazCom 2012)

The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, expressed or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigation to determine the suitability of the information for their particular purposes.