

# MATERIAL SAFETY DATA SHEET

## 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Material Name: Laser toner (85/35/36/88/78A CRG-312/325/712/725/912/925/728)  
Product Type: Toner  
Supplier: Acopia Group  
Address: Global Point, Steyning Way, Bognor Regis, West Sussex, PO22 9SB  
Emergency Phone: +86-756-3886225

## 2. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients	CAS NO.	Weight(%)
Styrene Acrylic Resin:	25036-16-2	40~55
Magnetite	1317-61-9	30~50
Polyolefin: _____	Confidential _____	1~5 _____
C.L Solvent Black	Confidential _____	1~5 _____
Silica	60842-32-2	1~4

## 3. HAZARDS IDENTIFICATION

Skin: Unlikely to cause skin irritation.  
Eyes: May cause eye irritation.  
Ingestion: Oral toxicity is believed to be low.  
Inhalation: Non toxic.  
Carcinogenicity: N.A.  
Medical conditions  
Aggravated by long-term exposure: Accumulation of dust in the respiratory system may cause congestion.

## 4. FIRST AID MEASURES

Eyes contact: Flush eyes immediately with plenty of water for at least 15 minutes. Get medical attention.  
Skin contact: Wash affected area thoroughly with soap and water. If irritation persists, consult a physician.  
Ingestion: No adverse effects anticipated by this route of exposure incidental to proper handling.  
Inhalation: Move to fresh air immediately. If symptoms occur, consult a physician.  
Note to physicians: N.A.  
Special Precautions: N.A.

## 5. FIRE FIGHTING MEASURES

Flash point and method: N.A.  
Flammable limits: N.A.

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LEL: N.A.  
UEL: N.A.  
Fire extinguishing media: Water, fog, foam, CO<sub>2</sub>, dry chemical.  
Fire-fighting equipment: Wear full bunker gear including a positive pressure self-contained Breathing apparatus in case of burning in large quantities.

## 6. ACCIDENTAL RELEASE MEASURES

Minimize the release of particulates. Wear personal protective equipment. Do not use vacuum cleaner. After lightly spraying with water to prevent development of dust, spills should be swept up or wiped up. The residuals can be removed with soap and water. In case the floor is not fit for cleaning with water, the material should be used in a confined place with the floor and adjacent objects covered with suitable sheets such as paper. The used sheets should be wrapped up and transferred to a suitable container for disposal. Garments may be washed or dry-cleaned after removal of loose toner.

## 7. HANDLING AND STORAGE

Handling precaution: Keep containers closed at all times. Avoid creating dust. Keep away from ignition sources.  
Storage requirements: Store at room temperature. Keep away from strong oxidizers.  
Regulatory requirements: N.A.

## 8. EXPOSURE CONTROLS/ PERSONAL PROTECTION

### Control Parameters

OSHA PEL: TWA 5.0mg/m<sup>3</sup> (Inert of Nuisance Dust:Respirable fraction).  
15.0 mg/m<sup>3</sup>(Inert of Nuisance Dust:Total dust).  
ACGIH TLV: TWA (2001).  
3.0 mg/m<sup>3</sup> (Particulates Not Otherwise Classified: Respirable Particle Mass).  
10.0 mg/m<sup>3</sup>(Particulates Not Otherwise Classified: Inhalational Particle mass).  
Respiratory Protection: In dusty atmospheres, use an approved dust respirator.  
Skin Protection: No precautions should be needed under normal use.  
Eye Protection: No precautions should be needed under normal use.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Fine powder  
Odor: None  
Boiling point: N.A.  
Vapor pressure: N.A.  
Vapor density(Air=1): > 1  
Solubility in water: Insoluble  
Melting point: N.A.  
Specific gravity (H<sub>2</sub>O=1): > 1  
Evaporation rate (Butyl acetate=1) N.A.

## 10. STABILITY & REACTIVITY

Stability: This is a stable product.  
Incompatibility (material to avoid): Oxidizing materials.  
Hazardous decomposition or Carbon oxides, hydrocarbons (by high heat and fire).

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By products:

Hazardous polymerization: Will not occur.

## 11. TOXICOLOGICAL INFORMATION

Acute toxicity: N.A.  
Inhalation: LC<sub>50</sub>:inh-rat > 5mg/L/4hrs. (Data from similar toner), not harmful.  
Eye contact: Not classified as irritant, according to OSHA Hazard Communication standard (HCS) and EU Directive 67/548/EEC (data from ingredients of toner).  
Skin contact: Not classified as irritant, according to OSHA Hazard Communication standard (HCS) and EU Directive 67/548/EEC.  
Chronic toxicity: No data available.  
Sensitization: Not classified as sensitizer according to EU Directive 67/548/EEC and strong sensitizer list of OSHA HCS (US).  
Mutagenicity: Negative, does not indicate mutagenic potential, (Ames Test: Salmonella typhimurium).  
Carcinogenicity: Not a known or suspected carcinogen according to any IARC Monograph, NTP, OSHA Regulations (USA), EU Directive, or Proposition 65 (California).  
Reproductive toxicity: Not classified as toxic according to EU Directive 67/548/EEC, California Prop. 65, or DEG (Germany).

## 12. ECOLOGICAL INFORMATION

No data given.

## 13. DISPOSAL CONSIDERATIONS

Waste disposal method: Small quantities should be disposed of in accordance with applicable federal state and/or local regulations.  
For large quantities, destruction by approved incineration is recommended.

## 14. TRANSPORTATION INFORMATION

Not regulated article under RID/ADR, IMDG and ICAO/IATA

## 15. REGULATORY INFORMATION

This product is not regulated as a hazardous substance.

## 16. OTHER INFORMATION

All information contained herein is based upon the data obtained from the manufacturer and/or recognized technical sources. This information is believed to be correct, but does not purport to be all-inclusive and shall be used only as a guide. Acopia Group makes no warranty, express or implied, as to the accuracy or completeness of this information. It is the user's responsibility to determine the suitability of this information for the adoption of necessary safety precautions and/or compliance with federal, state, and local laws and regulations.

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Prepared by:

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