



MAGRUBA FLEXIBLE MAGNETS CO., LTD.

長虹磁鐵有限公司

Tel: +886-3-2120890 Fax: 886-3-2120604

MATERIAL SAFETY DATA SHEET

MR939 MR950

1. PRODUCT AND COMPANY IDENTIFICATION

Product name:	Flexible Magnets
Synonyms:	Flexible Magnets
Formula:	
Properties:	
UN NO.:	Not listed
LMDG Code:	Not listed
Marine pollutant:	Not listed
This product is not classified as dangerous for transport purposes.	
Company name : Magruba Flexible Magnets Co., Ltd. Address: No.333 ,Minsheng North Rd. Gweishan Shiang, Taoyuan County, Taiwan. Telephone: 886-3-2120890 Telefax: 886-3-2120604	

2.COMPOSITION

Hazardous substance: Acrylated oligomer(s) Xi – R36(Irritating to eyes)
 Acrylated monomer(s) Xi – R36/38(Irritating to eyes/skin)
 Epoxidized Soybean oil

3.HAZARD IDENTIFICATION

Health Hazards:

Irritating to eyes, respiratory system and skin
May cause sensitization by skin contact

Safety Hazards:

Flammable viscous clear liquid
Causes mild irritation, suitable protective gear is recommended.
Avoid UV light and sunlight to prevent self-polymerization.

4.FIRST AID PROCEDURES

Eye Contact:	Rinse eyes immediately with large amounts of water for at least 15 minutes and contact physician as needed.
Skin Contact:	Promptly and thoroughly flush skin with plenty of water, use soap if available. Remove contaminated clothing and shoes. If irritation persists, seek medical attention.
Inhalation:	Take to fresh air. Consult physician/medical help if respiratory is not relieved by fresh air. Give artificial respiration or oxygen if necessary.
Ingestion	Wash out mouth with water, do not induce vomiting. Consult physician.
Obs.:	in any situation, the victim should be sent to emergency medical treatment.

5.FIRE FIGHTING PROCEDURES

Flash point and auto-ignition temperature:	Flash point: No data as product. Auto-ignition temperature: No data.
Extinguishing media:	Dry Chemical powder, CO2, foam, sand, Water spray should be used.
Fire fighting instruction:	Firemen have to wear full protective clothing with self-contained breathing apparatus to prevent contact with skin and eyes. Evacuate area and fight fire from a safe distance. Hazardous polymerization may occur under fire condition, and toxic fumes may be released.

6.ACCIDENTAL RELEASE PROCEDURES

Personal precautions:	Extinguish naked flames. Remove ignition sources. No smoking. Avoid sparks. Evacuate the area of all non-essential personnel. Shut off leaks, if possible, without personal risk. Avoid contact with skin, eyes, and clothing. Do not breathe vapor, mists or aerosols. Ventilate contaminated area thoroughly. Take precautionary measures against static discharge.
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Personal protection:	Wear neoprene gloves, PVC chemical resistant suit with integral hood and knee length rubber safety boots. Wear full-face piece respirator with organic vapor canister. In a confined space, wear self-contained breathing apparatus.
Environmental precautions:	Prevent contamination of soil and water. Prevent from spreading or entering into drains, ditches or rivers by using sand, earth or other appropriate barriers. Advise relevant authorities if contamination occurs.
Clean up method:	Absorb, or contain with sand, earth or similar inert absorbent material. Shovel up and keep in a tightly closed container for disposal. Put leaking containers in a labeled drum.

7.STORAGE AND HANDLING

Storage:	Store in a cool, dry, well-ventilated area, away from incompatible materials. Keep away from direct sunlight and other sources of heat or ignition.
Handling:	Extinguish any naked flames. Remove ignition sources. No smoking. Avoid sparks. Avoid contact with skin, eyes, and clothing. Use in well-ventilated areas only. Used local exhaust extraction.

8.EXPOSURE CONTROL/INDIVIDUAL PROTECTION

Exposure Limit: None established.

Individual protection-hands: Use Chemical resistant protective gloves. e.g. neoprene.

Individual protection-eyes: Safety glasses are recommended. Closely fitting goggles.

Individual protection-skin: Wear protective clothing and chemical resistant safety shoes or boots.

9.PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Black Solid	Form:
Odour:	PH: ND
Decomposition Temp.:	Flash point & Method Used : NA

Boiling point/Boiling Range : NA	Explosion Properties : NA
Explosive properties: N/A	Autoignition Temp : NA
Specific density:	Solubility :
Vapor Pressure : NA	Vapor Density : 3.6

10.STABILITY AND REACTIVITY

Stability: Stability

Stable: under normal handling conditions.

Conditions to Avoid:

Direct sunlight, any other sources of heat or radiation, flames and sparks.

Contact with acids

11.TOXICOLOGICAL INFORMATION

Acute Data

Skin Irritation- slight irritation

Eye Irritation- slight irritation

12.ECOLOGICAL INFORMATION

Ecotoxicity: No Data

Persistence and degradability: No Data

Mobility: No Data

Additional information

Environmental fate(exposure): No Data

Bioaccumulative potential: No Data

13.DISPOSAL CONSIDERATIONS

Disposal Methods:

For disposal,incinerate or landfill at a permitted facility in accordance with local,state, and federal Regulations

14.TRANSPORT REGULATIONS

UN number : NA **ICAO air** : NA **IMO sea** : NA **ADR road** : NA

This product is not classified as dangerous for transport purposes.

15.REGULATORY INFORMATION

R-phrase:

Irritating to eyes, respiratory system and skin.

May cause sensitization by skin contact.

S-phrase:

In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

Use only in well ventilated areas.

In case of insufficient ventilation, wear suitable respiratory equipment.

Wear suitable protective clothing, gloves and eye/face protection.