

MATERIAL DATA SAFETY SHEET

DM00003151 FD Magnetic (Ba) film with PVC 0.6mm 1.02x20
 DM00003343 FD Magnetic (Ba) film with PVC 0.6mm 0.615x30

1. MATERIAL COMPOSITION

COMPONENT	PERCENTAGE (%)	CAS NO.
Barium Ferrite	78 - 83	1138 - 11 - 7
Chlorinated Polyethylene	9 ~ 12	64754 - 90 - 1
Processing Agent	0 ~ 1	-
UV Coating	0.15 ~ 0.25	-
Polyvinyl Chloride	4 ~ 6	9002 - 86 - 2
Filler	0.3 ~ 0.5	19569 - 21 - 2
Modifier	0.6 ~ 0.8	25053 - 09 - 2
Plasticizer	0.8 ~ 1.0	3319 - 31 - 1
Stabilizer	0.3 ~ 0.5	57583 - 35 - 4
Pigment	1.8 ~ 1.5	-
PU Glue	0.15 ~ 0.25	-

2. HAZARDS IDENTIFICATION

Classified Name:	N/A
Hazards:	No
Physical Hazards:	N/A
Environmental Effects:	N/A

3. FIRST AID MEASURES

Eyes:	Flush with tepid water for at least 20 minutes holding the eyelids wide open. Seek medical attention if irritation develops.
Ingestion:	Not expected to be an important route of entry into the body. Ingestion of large amounts of dust or particulate matter may cause gastrointestinal distress. Seek medical attention.

4. FIREFIGHTING MEASURES

Use water, dry chemical, or carbon dioxide to extinguish fires involving the product. Product in or near fires should be cooled with a water spray or fog if compatible with the other materials involved in the fire.

5. ACCIDENTAL RELEASE MEASURES

N/A

6. HANDLING & STORAGE

Store product at ambient temperatures out of contact with the elements. Keep from contact with strong mineral acids and oxidizers. Dusts and/or particulate matter that may be generated during handling or processing should be cleaned up by vacuuming or wet mopping.

7. EXPOSURE CONTROL – PERSONAL PROTECTION

Exposure Limit:	-----
Engineering Measure:	-----
Protective Equipment:	-----

8. PHYSICAL AND CHEMICAL PROPERTIES

Appearance and Physical State:	Solid, one side black, one side white
Vapor Density (Air = 1):	N/A
Octanol / Water Partition Coefficient:	ND
Vapor Pressure:	N/A
Evaporation Rate:	N/A
Odour:	None
Specific Gravity / Bulk Density:	3.0 – 3.5 g/cc
% Volatility By Volume:	Not volatile
Boiling Point:	N/A
% Solubility (H2O):	Insoluble
Flash Point:	N/A
pH:	N/A
Melt Point:	ND

9. STABILITY AND REACTIVITY

Stability and Polymerization:	Product is stable. Hazardous polymerization will not occur.
Incompatibility (Conditions to Avoid):	Avoid contact with strong mineral acids and oxidizing agents.
Hazardous Decomposition Products:	May produce dense smoke, oxides of carbon, and low molecular weight organic and inorganic species whose composition and toxicity have not been characterized.
Special Sensitivity:	None that are known.

10. TOXICOLOGICAL INFORMATION

Detailed toxicological studies have not been conducted on the product. The barium ferrite of the product is bound in an inert, insoluble polymeric matrix and are not expected to be bioavailable.

11. ECOLOGICAL INFORMATION

The product can be recycled.

12. DISPOSAL CONSIDERATIONS

The product is not considered hazardous. The product may be disposed of in an approved landfill or recycled if practical.

13. TRANSPORTATIONAL INFORMATION

The maximum field strength of this product is observed at a distance of 2.1 M is not more than 0.418A/m (0.00525 gauss) or the compass deflection is not more than 2 degrees. The product is classified as Non-Dangerous Cargo under the regulation of IMDG, IMO DOT and/or other international marine transportation organization.

14. INTERNATIONAL REGULATION

None.

15. OTHER INFORMATION

N/A = Not Applicable
ND = Not Defined

Notice from Fortuna Digital Group: The data in this Material Data Safety Data Sheet relates only to the specific material designated herein and does not relate to use in combination with any other material or in any process. It is the user's obligation to determine conditions of safe use of the product.

Fortuna Digital Group requests the users of this product to study this Material Safety Data Sheet and become aware of the product hazards and safety information. To promote safe use of this product, users should notify their employees, agents, and contractors of the information on this Materials Safety Data Sheet and any product hazards and safety information.