

SAFETY DATA SHEET

Version: 1.0
Date of Issue: 25 April 2018
Date of First Issue: 25 April 2018

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In accordance with Schedule 1 of Hazardous Products Regulations (HPR) (WHMIS 2015)

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

Product identifier

Product Name M-Coat FB
Other Means of Identification None

Recommended use and restrictions

Recommended use PC9b Fillers, putties, plasters, modelling clay
Restrictions on use None known.

Initial Supplier Identifier

Company Identification VISHAY MEASUREMENTS GROUP, INC.
Telephone Post Office Box 27777
Raleigh, NC 27611
USA
E-Mail (competent person) mm.us@vishaypg.com

Emergency telephone number

Emergency Phone No. 1-800-424-9300 CHEMTREC (24 hours)
Languages spoken English

SECTION 2: HAZARDS IDENTIFICATION

Classification of the substance or mixture

In accordance with Schedule 1 of Hazardous Products Regulations (HPR) (WHMIS 2015) Not classified as dangerous for supply/use.

Label elements

Hazard Pictogram(s) None assigned.
Signal Word(s) None assigned.
Hazard Statement(s) None assigned.
Precautionary Statement(s) None assigned.
Other hazards None known.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Substances Not applicable

Mixtures

100% Non-hazardous ingredients

SECTION 4: FIRST AID MEASURES



Description of first aid measures

Self-protection of the first aider

Use personal protective equipment as required. Wear appropriate personal protective equipment, avoid direct contact. Ensure adequate ventilation. Avoid contact with skin and eyes. Contaminated clothing should be laundered before reuse.

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Inhalation	Unlikely route of exposure (Solid). IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical advice/attention if you feel unwell.
Skin Contact	IF ON SKIN (or hair): Wash skin with soap and water. If skin irritation occurs: Get medical advice/attention.
Eye Contact	IF IN EYES: Remove particles by irrigating with eye wash solution or clean water, holding the eyelids apart. If eye irritation persists, get medical advice/attention.
Ingestion	IF SWALLOWED: Obtain medical attention if ill effects occur.
Most important symptoms and effects, both acute and delayed	Mechanical irritation of the skin and eyes.
Indication of any immediate medical attention and special treatment needed	Unlikely to be required but if necessary treat symptomatically.

SECTION 5: FIRE-FIGHTING MEASURES

Extinguishing media	
Suitable Extinguishing Media	Extinguish preferably with dry chemical, sand, foam or carbon dioxide.
Unsuitable extinguishing Media	Do not use water jet. May spread fire.
Special hazards arising from the substance or mixture	May decompose in a fire giving off toxic fumes. Oxides of carbon.
Special protective equipment and precautions for fire fighters	Fire fighters should wear complete protective clothing including self-contained breathing apparatus. Avoid breathing fumes. Keep containers cool by spraying with water if exposed to fire. Avoid run off to waterways and sewers.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures	Use personal protective equipment as required. Wear suitable gloves if prolonged skin contact is likely. Wash hands thoroughly after handling.
Environmental precautions	Avoid release to the environment.
Methods and material for containment and cleaning up	Clean up spill immediately. Transfer to a container for disposal. Recover or recycle if possible.
Reference to other sections	See Section: 8, 13

SECTION 7: HANDLING AND STORAGE

Precautions for safe handling	Wear suitable gloves if prolonged skin contact is likely. Avoid contact with skin, eyes or clothing. Avoid breathing fumes. Wash hands thoroughly after handling. Do not eat, drink or smoke when using this product.
Conditions for safe storage, including any incompatibilities	Store in a well-ventilated place. Keep container tightly closed. Keep away from heat, sources of ignition and direct sunlight.
Storage temperature	Ambient.
Incompatible materials	Keep away from: Strong Acids.
Specific end use(s)	See Section: 1.2

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters	
Occupational Exposure Limits	Not established.
Biological limit value	Not established.
Exposure controls	
Appropriate engineering controls	Ensure adequate ventilation. Store in a cool/low-temperature, well-ventilated (dry) place away from heat and ignition sources.
Individual protection measures, such as personal protective equipment (PPE)	Use personal protective equipment as required. Wash contaminated clothing before reuse. Avoid breathing fumes. Avoid contact with skin, eyes or clothing. Wash hands thoroughly after using this substance.

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Eye/face protection



Wear eye protection with side protection.

Skin protection



Hand protection:

Wear impervious gloves. Gloves should be changed regularly to avoid permeation problems. Breakthrough time of the glove material: refer to the information provided by the gloves' producer.

Respiratory protection



Body protection:

Wear impervious protective clothing, including boots, lab coat, apron or coveralls, as appropriate, to prevent skin contact.

Respiratory protection is not necessary if room is well ventilated. In case of inadequate ventilation wear respiratory protection. A suitable mask with filter type A may be appropriate.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Appearance	Grey/black coloured solid.
Odour	Almost odourless.
Odour threshold	Not applicable.
pH	Not established.
Melting point/freezing point	Not applicable.
Initial boiling point and boiling range	Not established.
Flash point	Not applicable.
Evaporation rate (Water = 1)	Not applicable.
Flammability (solid, gas)	Non-flammable.
Upper/lower flammability or explosive limits	Not applicable.
Vapour pressure	Not applicable.
Vapour density	Not applicable.
Relative density	1.5 – 1.7 (H ₂ O = 1)
Solubility(ies)	Negligible (Water)
Partition coefficient: n-octanol/water	Not established.
Auto-ignition temperature	Not available.
Decomposition Temperature	Not available.
Viscosity	Not applicable. Solid.
Explosive properties	Not explosive.
Oxidising properties	Not oxidising.

Other information

None known.

SECTION 10: STABILITY AND REACTIVITY

Reactivity	Stable under normal conditions.
Chemical stability	Stable under normal conditions.
Possibility of hazardous reactions	Hazardous polymerisation will not occur.
Conditions to avoid	Keep away from heat and flame.
Incompatible materials	Keep away from: Strong Acids.
Hazardous decomposition product(s)	May decompose in a fire giving off toxic fumes. Oxides of carbon.

SECTION 11: TOXICOLOGICAL INFORMATION

Information on toxicological effects

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Acute toxicity - Ingestion	Based upon the available data, the classification criteria are not met. Acute Toxicity Estimate Mixture Calculation: Estimated LC50 > 2000 mg/kg bw/day.
Acute toxicity - Inhalation	Based upon the available data, the classification criteria are not met. Acute Toxicity Estimate Mixture Calculation: Estimated LC50 >20.0 mg/l.
Acute toxicity - Skin Contact	Based upon the available data, the classification criteria are not met. Acute Toxicity Estimate Mixture Calculation: Estimated LC50 > 2000 mg/kg bw/day.
Skin corrosion/irritation	Based upon the available data, the classification criteria are not met.
Serious eye damage/irritation	Based upon the available data, the classification criteria are not met.
Respiratory or skin sensitization	Based upon the available data, the classification criteria are not met.
Germ cell mutagenicity	Based upon the available data, the classification criteria are not met.
Carcinogenicity	Based upon the available data, the classification criteria are not met.
Reproductive toxicity	Based upon the available data, the classification criteria are not met.
STOT - single exposure	Based upon the available data, the classification criteria are not met.
STOT - repeated exposure	Based upon the available data, the classification criteria are not met.
Aspiration hazard	Based upon the available data, the classification criteria are not met.
Other information	None

SECTION 12: ECOLOGICAL INFORMATION

Toxicity	Based upon the available data, the classification criteria are not met. Estimated Mixture LC50 >100 mg/l (Fish)
Persistence and degradability	No data.
Bioaccumulative potential	No data.
Mobility in soil	The substance is predicted to have low mobility in soil. The substance may adsorb onto soils and sediments.
Other adverse effects	None known.

SECTION 13: DISPOSAL CONSIDERATIONS

Waste treatment methods	Dispose of contents in accordance with local, state or national legislation.
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SECTION 14: TRANSPORT INFORMATION

Not classified according to the United Nations 'Recommendations on the Transport of Dangerous Goods'.

	ADR/RID	IMDG	IATA/ICAO
14.1 UN number	Not classified	Not classified	Not classified
14.2 UN proper shipping name	Not classified	Not classified	Not classified
14.3 Transport hazard class(es)	Not classified	Not classified	Not classified
14.4 Packing group	Not classified	Not classified	Not classified
14.5 Environmental hazards	Not classified	Not classified	Not classified
14.6 Special precautions for user	See Section: 2		
14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code	Not applicable		

SECTION 15: REGULATORY INFORMATION

Safety, health and environmental regulations/legislation specific for the substance or mixture

National regulations

CEPA, Domestic Substances List	All chemicals are not listed
CEPA, Priority Substances List	All chemicals are not listed
CEPA, List of Toxic Substances (Schedule 1)	All chemicals are not listed
CEPA, National Pollutant Release Inventory	All chemicals are not listed
CEPA, Environmental Emergency Regulations	All chemicals are not listed

Non-Regional

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IARC Monographs, List of Classifications

All chemicals are not listed

SECTION 16: OTHER INFORMATION

The following sections contain revisions or new statements: Not applicable – V1.0

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References:

Existing Safety Data Sheet (SDS).

LEGEND

LTEL: Long Term Exposure Limit

DNEL: Derived No Effect Level

PBT: PBT: Persistent, Bioaccumulative and Toxic

IARC: International Agency for Research on Cancer

OSHA = Occupational Safety and Health Administration

ACGIH: American conference of Governmental Industrial Hygiene

TLV: Threshold Limit Value (ACGIH)

VOC: Volatile Organic Compound

CEPA (Canadian Environmental Protection Act)

STEL: Short Term Exposure Limit

PNEC: Predicted No Effect Concentration

vPvB: very Persistent and very Bioaccumulative

NTP: National Toxicology Program

NIOSH/TC: National Institute for Occupational Safety and Health Technical Information Center

BEI: Biological Exposure Indices (ACGIH)

TWA: Time Weighted Average

EU: European Union

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