SAFETY DATA SHEET

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ACCORDING TO: Code of Practice for the Preparation of Safety Data Sheets for Hazardous Chemicals (Safe Work Australia, 2020) & GHS 7

SECTION 1: IDENTIFICATION

Product identifier used on the label	M-Coat FB
Other means of identification	None
Recommended use of the chemical and restrictions on use	
Recommended use	PC9b Fillers, putties, plasters, modelling clay
Restrictions on use	None Known
Suppliers name, address and telephone number	
Supplier	VISHAY MEASUREMENTS GROUP, INC.
Address of Supplier	Post Office Box 27777 Raleigh, NC 27611 USA
Telephone	+1 919-365-3800 / +1 919-365-3945
E-Mail (competent person)	mm.us@vpgsensors.com
Emergency telephone number	1-800-424-9300 (24 hours) 61-290372994 (for spills and releases) CHEMTREC (U.S.)

SECTION 2: HAZARD(S) IDENTIFICATION

Classification of the substance or mixture

In accordance with the Safe Work Australia model Work Health and Safety Regulations (2020) & GHS 7	Not classified as dangerous for supply/use.
Label elements	
Hazard Symbol	None assigned
Signal Word(s)	None assigned
Hazard Statement(s)	None assigned
Precautionary Statement(s)	None assigned
Other Hazards	None Known
Other Hazards that do not Result in Classification	None Known

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Substances Not applicable

Mixtures Not classified according to current WHS Regulations. No component of this mixture is included above the relevant concentration levels detailed within WHS Regulations Schedule 8.

SECTION 4: FIRST AID MEASURES



Description of first aid measures

First aid facilities	Eyewash facilities should be stationed close to workplace where possible.
Self-protection of the first aider	Use personal protective equipment as required. Wear appropriate personal protective equipment, avoid direct contact. Contaminated clothing should be laundered before reuse. Ensure adequate ventilation. Wear suitable respiratory protective equipment if exposure to high levels of material are likely. Do not use mouth-to-mouth resuscitation.
Inhalation	IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER/doctor if you feel unwell. IF exposed or concerned: Get medical advice/attention.
Skin Contact	IF ON SKIN: Remove contaminated clothing and wash all affected areas with plenty of water. Wash contaminated clothing before reuse. If skin irritation or rash occurs: Get medical advice/attention. IF exposed or concerned: Get medical advice/attention.
Eye Contact	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention. IF exposed or concerned: Get medical advice/attention.
Ingestion	IF SWALLOWED: Rinse mouth. Make victim drink plenty of water. Do not give anything by mouth to an unconscious person. Do not induce vomiting unless instructed to do so by medical personnel. Call a POISON CENTER/doctor if you feel unwell. IF exposed or concerned: Get medical advice/attention.
Most important symptoms and effects, both acute and delayed	Mechanical irritation of the skin and eyes.
Indication of immediate medical attention and special treatment needed, if necessary	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. Direct water jet may spread the fire.
Special hazards arising from the chemical	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. Do not breathe fumes. Keep containers cool by spraying with water if exposed to fire. Avoid run off to waterways and sewers.
Hazchem Code	Not available

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. Eliminate all ignition sources if safe to do so. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Ensure adequate ventilation.
Environmental precautions	Avoid release to the environment. Do not allow to enter drains, sewers or watercourses. Spillages or uncontrolled discharges into watercourses must be alerted to the Environment Agency or other appropriate regulatory body.
Methods and material for containment and cleaning up	Clean up spill immediately. Adsorb spillages onto sand, earth or any suitable adsorbent material. Transfer to a container for disposal. Ventilate the area and wash spill site after material pick-up is complete.

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. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Avoid all contact. Ensure adequate ventilation.

Conditions for safe storage, including any incompatibilities	Keep only in original container. Store in a well-ventilated place. Keep container tightly closed. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Keep away from direct sunlight.
Storage temperature	Ambient.
Storage life	Stable under normal conditions.
Incompatible materials	Keep away from:Strong Acids.

SECTION 8: EXPOSURE CONTROLS AND PERSONAL PROTECTION

Occupational Exposure Limits	Not established
Biological exposure indicies	Not established
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. General hygiene measures for the handling of chemicals are applicable. Keep good industrial hygiene. Wash hands before breaks and after work. Keep work clothes separately. Do not eat, drink or smoke at the work place.
Eye/face protection 	Wear eye protection with side protection (EN166).
Skin protection 	**Hand protection:** Wear impervious gloves (EN374). Gloves should be changed regularly to avoid permeation problems. Breakthrough time of the glove material: refer to the information provided by the gloves' producer. **Body protection:** Wear impervious protective clothing, including boots, lab coat, apron or coveralls, as appropriate, to prevent skin contact.
Respiratory protection 	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.
Thermal hazards	Not applicable.

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 and freezing point	Not applicable
Boiling point or initial boiling point and boiling range	Not established.
Flash point	Not applicable
Evaporation rate	Not applicable
Flammability	Not flammable
Lower and upper explosion limit or lower and upper flammability limit	Not applicable

Vapour pressure	Not applicable
Relative vapour density	Not applicable
Density and Relative density	1.5 – 1.7 (H_2O = 1)
Solubility	Negligible (in water)
Partition coefficient n-octanol/water (log value)	Not established
Auto-ignition temperature	Not available
Decomposition temperature	Not available
Kinematic viscosity	Not applicable
Specific heat	Not established.
Saturated Vapour Concentration	Not applicable
Release of invisible flammable vapours and gases	Not applicable
Particle characteristics	Not established.
Particle size distribution	Not established.
Shape and aspect ratio	Not established.
Crystallinity	Not established.
Level of dustiness	Not established.
Surface Area	Not established.
Degree of aggregation or agglomeration, and dispersibility	Not established.
Redox potential	Not applicable
Biodurability or biopersistence	Not established.
Surface coatings	Not established.

Additional parameters

Volatile Organic Compound Content	Not established.
Explosive properties	Not explosive.
Oxidising properties	Not oxidising.

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
(Substances in preparations / mixtures)
Acute toxicity

Ingestion	Mixture: Based upon the available data, the classification criteria are not met. Calculated acute toxicity estimate (ATE): Estimated LD50 > 2000 mg/kg bw/day.
Inhalation	Mixture: Based upon the available data, the classification criteria are not met. Calculated acute toxicity estimate (ATE): Estimated LC50 > 20 mg/kg bw/day.
Dermal	Mixture: Based upon the available data, the classification criteria are not met. Calculated acute toxicity estimate (ATE): Estimated LD50 > 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.

Information on likely routes of exposure

Inhalation	Possible route of exposure.
Ingestion	Possible route of exposure.
Skin Contact	Possible route of exposure.
Eye Contact	Possible route of exposure.

Early onset symptoms related to exposure	None Known
Delayed health effects from exposure	None Known
Exposure levels and health effects	See section 8
Interactive effects	None Known
Other information	None Known
NTP Report on Carcinogens	No components listed.
IARC Monographs	No components listed

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity	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

Safe handling and disposal methods	Do not release undiluted and unneutralised to the sewer. Dispose of contents in accordance with local, state or national legislation.
Disposal of contaminated packaging	Containers of this material may be hazardous when empty since they retain product residue. Handle contaminated packages in the same way as the substance itself.
Environmental regulations	Avoid release to the environment.

SECTION 14: TRANSPORT INFORMATION

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

	ADG	IMDG	IATA/ICAO
UN number	Not classified	Not classified	Not classified
Proper Shipping Name	Not classified	Not classified	Not classified
Transport hazard class(es)	Not classified	Not classified	Not classified
Packing group	Not classified	Not classified	Not classified
Environmental hazards	Not classified	Not classified	Not classified
Special precautions for user	See Section: 2		
Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	Not applicable.		
Hazchem code	Not available		

SECTION 15: REGULATORY INFORMATION

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

International Regulations (for example)	
Montreal Protocol/Stockholm Convention/ Rotterdam Convention/ Basel Convention / MARPOL	All chemicals are not listed
National Regulations	

Australian Inventory of Chemical Substances (AICS)	All chemicals are not listed
NICNAS - Priority Existing Chemicals	All chemicals are not listed
NICNAS - IMAP Framework	All chemicals are not listed
NICNAS - High Volume Industrial Chemical List	All chemicals are not listed
National Pollutant Inventory	All chemicals are not listed
The Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP)	All chemicals are not listed

SECTION 16: OTHER INFORMATION

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

Version: 1.0 **Revision Date:** not applicable – V1.0 **Date of First Issue:** 18 August 2021

References:
Existing Safety Data Sheet (SDS)

The substance is classified in accordance with Safe Work Australia model Work Health and Safety Regulations (2020) & GHS 7

LEGEND

ADG	Australian Code for the Transport of Dangerous Goods by Road & Rail (ADG Code)
BCF	Bioconcentration factor
IATA	International Air Transport Association
IARC	International Agency for Research on Cancer
ICAO	International Civil Aviation Organization
IMDG	International Maritime Dangerous Goods
LTEL	Long term exposure limit
NICNAS	National Industrial Chemicals Notification and Assessment Scheme
NTP	National Toxicology Program
QSAR	Quantitative structure-activity relationship
RID	Regulations concerning the International Carriage of Dangerous Goods by Rail
STEL	Short term exposure limit
TWA	Time Weighted Average

Training advice: Consideration should be given to the work procedures involved and the potential extent of exposure as they may determine whether a higher level of protection is required.

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