

SAFETY DATA SHEET



Version: 2.0
Date of Issue: 24-Apr-2017
Date of First Issue: 13-Aug-2014

www.vishaypg.com

ACCORDING TO OSHA HCS (29 CFR 1910.1200)

SECTION 1: IDENTIFICATION

Product identifier used on the label	M-Coat FB
Other means of identification	
Chemical Name	Mixture
CAS No.	None assigned.
EINECS No.	None assigned.
Recommended use of the chemical and restrictions on use	
Recommended use	PC9b Fillers, putties, plasters, modelling clay
Restrictions on use	None known.
Details of the supplier of the safety data sheet	
Supplier	VISHAY MEASUREMENTS GROUP, INC.
Address of Supplier	Post Office Box 27777 Raleigh, NC 27611 USA
Telephone	+1 919-365-3800
Fax	+1 919-365-3945
E-Mail (competent person)	mm.us@vishaypg.com
Emergency telephone number	1-800-424-9300 CHEMTREC (24 hours)

SECTION 2: HAZARD(S) IDENTIFICATION

Classification of the substance or mixture in accordance with paragraph (d) of 29 CFR 1910.1200	
Physical hazards	Not classified
Health hazards	Not classified
Environmental hazards	Not classified
Hazard Symbol	None assigned.
Signal Word(s)	None assigned.
Hazard Statement(s)	None assigned.
Precautionary Statement(s)	None assigned.
Other hazards	None.
Percent of the mixture consists of ingredient(s) of unknown acute toxicity:	0%

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Substances Not applicable

Mixtures Substances in preparations / mixtures

Chemical identity of the substance	%W/W	CAS No.	EC No.	Hazard classification
Isobutylene/Isoprene/Butene/Mineral Filler Blend	100	-	-	Not classified

SAFETY DATA SHEET

Version: 2.0
Date of Issue: 24-Apr-2017
Date of First Issue: 13-Aug-2014

www.vishaypg.com

ACCORDING TO OSHA HCS (29 CFR 1910.1200)

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.

Inhalation

Unlikely route of exposure (Solid).

Skin Contact

Wash skin with soap and water. If skin irritation occurs: Get medical advice/attention.

Eye Contact

Remove particles by irrigating with eye wash solution or clean water, holding the eyelids apart. If eye irritation persists, get medical advice/attention.

Ingestion

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

Wear suitable gloves if prolonged skin contact is likely. Wash hands thoroughly after handling.

Methods and material for containment and cleaning up

Clean up spill immediately. Transfer to a container for disposal. Recover or recycle if possible.

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.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational Exposure Limits

Not established.

Biological Exposure Indices

Not established.

Appropriate engineering controls

Ensure adequate ventilation.

SAFETY DATA SHEET

Version: 2.0
Date of Issue: 24-Apr-2017
Date of First Issue: 13-Aug-2014

www.vishaypg.com

ACCORDING TO OSHA HCS (29 CFR 1910.1200)

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.

Eye/face protection



Wear eye protection with side protection.

Skin protection



Wear impervious gloves.

Respiratory protection



Respiratory protection is not necessary if room is well ventilated.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Appearance	Grey/black coloured solid.
Odor	Almost odourless.
Odor 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 (Butyl acetate = 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.

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	Based upon the available data, the classification criteria are not met.
-----------------------------------	---

SAFETY DATA SHEET

Version: 2.0
Date of Issue: 24-Apr-2017
Date of First Issue: 13-Aug-2014

www.vishaypg.com

ACCORDING TO OSHA HCS (29 CFR 1910.1200)

Acute toxicity - Inhalation	Based upon the available data, the classification criteria are not met.
Acute toxicity - Skin Contact	Based upon the available data, the classification criteria are not met.
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	Unlikely – accidental exposure
Ingestion	Unlikely – accidental exposure
Skin Contact	Possible – accidental exposure
Eye Contact	Unlikely – accidental exposure

Early onset symptoms related to exposure

Mechanical irritation of the skin and eyes.

Delayed health effects from exposure

Unlikely to be hazardous.

Other information

NTP Report on Carcinogens	Not listed
IARC Monographs	Not listed
OSHA Designated Carcinogen	Not 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

Waste treatment methods	Dispose of contents in accordance with local, state or national legislation.
--------------------------------	--

SECTION 14: TRANSPORT INFORMATION

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

	ADR/RID / IMDG / IATA
UN number	None assigned.
UN proper shipping name	None assigned.
Transport hazard class(es)	None assigned.
Packing group	None assigned.
Environmental hazards	Not classified as a Marine Pollutant/Environmentally hazardous substance.
Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	Not applicable.
Special precautions for user	See Section: 2

SECTION 15: REGULATORY INFORMATION

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

SAFETY DATA SHEET



Version: 2.0
Date of Issue: 24-Apr-2017
Date of First Issue: 13-Aug-2014

www.vishaypg.com

ACCORDING TO OSHA HCS (29 CFR 1910.1200)

TSCA (Toxic Substance Control Act)	Not listed
EPCRA/SARA Section 302 Extremely Hazardous Substances	Not listed
EPCRA Section 313 Toxics Release Inventory (TRI) Program	Not listed
NIOSH Occupational Carcinogen List	Not listed
OSHA List of highly hazardous chemicals, toxics and reactives	Not listed
NTP Report on Carcinogens (RoC) List	Not listed
Poison Prevention Packaging Act	Not listed
US State Regulations	
California State, Proposition 65 List	Not listed
California State, Safer Consumer Products Regulations	Not listed
Maine State, Toxic Chemicals in Children's Products Act	Not listed
New Jersey State Worker and Community RTK Act	Not listed
Pennsylvania State, Worker and Community RTK Act	Not listed
Rhode Island State, Hazardous Substances RTK Act	Not listed
Non-Regional	
IARC Monographs, List of Classifications	Not listed

SECTION 16: OTHER INFORMATION

The following sections contain revisions or new statements: New SDS Regulation compliant with HazCom 2012 format, all sections have been updated to include new information. Please review SDS with care.

Version 2.0
Revision Date 24-Apr-2017
Date of First Issue 13-Aug-2014

References:

Existing Safety Data Sheet (SDS)

LEGEND

ACGIH: American Conference of Governmental Industrial Hygienists	REL: Recommended exposure limit
BEI: Biological Exposure Indices (ACGIH)	SCL: Specific Concentration Limit
IARC: International Agency for Research on Cancer	Skin ^o : Risk of overexposure via dermal contact
Irr: Irritation	STEL: Short Term Exposure Limit
NIOSH: National Institute of Occupational Safety and Health	TLV: Threshold Limit value
NTP: National Toxicology Program	TSCA: Toxic Substance Control Act
OSHA: The Occupational Safety & Health Administration	TWA: Time Weighted Average
PBT: Persistent, Bioaccumulative and Toxic	URT: Upper respiratory tract
PEL: Permissible exposure limit	vPvB: very Persistent and very Bioaccumulative

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.

Disclaimers

Information contained in this publication or as otherwise supplied to Users is believed to be accurate and is given in good faith, but it is for the Users to satisfy themselves of the suitability of the product for their own particular purpose. Vishay Precision Group gives no warranty as to the fitness of the product for any particular purpose and any implied warranty or condition (statutory or otherwise) is excluded except to the extent that exclusion is prevented by law. Vishay Precision Group accepts no liability for loss or damage (other than that arising from death or personal injury caused by defective product, if proved), resulting from reliance on this information. Freedom under Patents, Copyright and Designs cannot be assumed.

Disclaimer

ALL PRODUCTS, PRODUCT SPECIFICATIONS AND DATA ARE SUBJECT TO CHANGE WITHOUT NOTICE.

Vishay Precision Group, Inc., its affiliates, agents, and employees, and all persons acting on its or their behalf (collectively, "VPG"), disclaim any and all liability for any errors, inaccuracies or incompleteness contained herein or in any other disclosure relating to any product.

The product specifications do not expand or otherwise modify VPG's terms and conditions of purchase, including but not limited to, the warranty expressed therein.

VPG makes no warranty, representation or guarantee other than as set forth in the terms and conditions of purchase. **To the maximum extent permitted by applicable law, VPG disclaims (i) any and all liability arising out of the application or use of any product, (ii) any and all liability, including without limitation special, consequential or incidental damages, and (iii) any and all implied warranties, including warranties of fitness for particular purpose, non-infringement and merchantability.**

Information provided in datasheets and/or specifications may vary from actual results in different applications and performance may vary over time. Statements regarding the suitability of products for certain types of applications are based on VPG's knowledge of typical requirements that are often placed on VPG products. It is the customer's responsibility to validate that a particular product with the properties described in the product specification is suitable for use in a particular application. You should ensure you have the current version of the relevant information by contacting VPG prior to performing installation or use of the product, such as on our website at vpgsensors.com.

No license, express, implied, or otherwise, to any intellectual property rights is granted by this document, or by any conduct of VPG.

The products shown herein are not designed for use in life-saving or life-sustaining applications unless otherwise expressly indicated. Customers using or selling VPG products not expressly indicated for use in such applications do so entirely at their own risk and agree to fully indemnify VPG for any damages arising or resulting from such use or sale. Please contact authorized VPG personnel to obtain written terms and conditions regarding products designed for such applications.

Product names and markings noted herein may be trademarks of their respective owners.

Copyright Vishay Precision Group, Inc., 2014. All rights reserved.