

SAFETY DATA SHEET

Version: 02
Date of Issue: 23 November 2018
Date of First Issue: 11 May 2012

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SAFETY DATA SHEET ACCORDING TO EC-REGULATIONS 1907/2006
(REACH), 1272/2008 (CLP) & 2015/830

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

- 1.1 Product identifier**
Product Name M-Coat W-1
CAS No. 63231-60-7
EINECS No. 264-038-1
REACH Registration No. None assigned.
- 1.2 Relevant identified uses of the substance or mixture and uses advised against**
Identified Use(s) PC9a Coatings and paints, thinners, paint removers
Uses Advised Against None known.
- 1.3 Supplier's details**
Company Identification VISHAY MEASUREMENTS GROUP UK LTD
Stroudley Road
Basingstoke
Hampshire
RG24 8FW
United Kingdom
Telephone +44 (0) 1256 462131
Fax +44 (0) 1256 471441
E-Mail (competent person) mm.uk@vishaypg.com
- 1.4 Emergency Phone No.** (00-1) 703-527-3887 - CHEMTREC
Languages spoken 24 hours, English spoken

2. SECTION 2: HAZARDS IDENTIFICATION

- 2.1 Classification of the substance or mixture**
2.1.1 Regulation (EC) No. 1272/2008 (CLP) Not classified as dangerous for supply/use.
- 2.2 Label elements**
Product Name M-Coat W-1
Hazard Pictogram(s) None assigned.
Signal Word(s) None assigned.
Hazard Statement(s) None assigned.
Precautionary Statement(s) None assigned.
Additional Information None.
- 2.3 Other hazards** None.

3. SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances

EC Classification Regulation (EC) No. 1272/2008 (CLP)

Chemical identity of the substance	CAS No.	EC No.	REACH Registration No.	Hazard Statement(s)
Paraffin waxes and Hydrocarbon waxes, microcryst.	63231-60-7	264-038-1	Not yet assigned in the supply chain	Not classified.

3.2 Mixtures Not applicable.

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4. SECTION 4: FIRST AID MEASURES



4.1 Description of first aid measures

Self-protection of the first aider

Wear suitable protective clothing. Contaminated clothing should be thoroughly cleaned.

Inhalation

IF INHALED: Remove person to fresh air and keep 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: Flush eyes with water for at least 15 minutes while holding eyelids open. If hot product is splashed into the eye, it should be cooled immediately to dissipate heat, under cold running water. If eye irritation persists, get medical advice/attention.

Ingestion

IF SWALLOWED: Wash out mouth with water and give 200-300 ml (half a pint) of water to drink. Do not induce vomiting. Do not give anything by mouth to an unconscious person. If symptoms persist, obtain medical attention.

4.2 Most important symptoms and effects, both acute and delayed

None known. Vapors at high temperatures may cause irritation.

4.3 Indication of any immediate medical attention and special treatment needed

Unlikely to be required but if necessary treat symptomatically.

5. SECTION 5: FIRE-FIGHTING MEASURES

5.1 Extinguishing media

Suitable Extinguishing Media

As appropriate for surrounding fire. Extinguish with carbon dioxide, dry chemical, foam or waterspray.

Unsuitable extinguishing Media

Do not use water jet. Direct water jet may spread the fire.

5.2 Special hazards arising from the substance or mixture

May decompose in a fire giving off toxic fumes.: Carbon monoxide and Carbon dioxide.

5.3 Advice for fire-fighters

Caution - spillages may be slippery. Shut off leaks if without risk. Fire fighters should wear complete protective clothing including self-contained breathing apparatus. Do not breathe fumes. Evacuate the area and keep personnel upwind. Keep containers cool by spraying with water if exposed to fire. Avoid run off to waterways and sewers.

6. SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 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.

6.2 Environmental precautions

Floats on water. Avoid release to the environment. Avoid run off to waterways and sewers.

6.3 Methods and material for containment and cleaning up

Caution - spillages may be slippery. Clean up spill immediately. Sweep up and shovel into waste drums or plastic bags. Wipe up remainder then remove to safe place. Transfer to a container for disposal. Recover or recycle if possible.

6.4 Reference to other sections

See Section: 8, 13

7. SECTION 7: HANDLING AND STORAGE

7.1 Precautions for safe handling

Wear suitable gloves if prolonged skin contact is likely. Wash hands thoroughly after handling. Do not eat, drink or smoke when using this product. Contaminated clothing should be laundered before reuse.

7.2 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.

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Storage temperature	Suitable containers: Mild steel, Stainless steel, pressboard boxes.
Storage life	Ambient.
Incompatible materials	Stable under normal conditions.
7.3 Specific end use(s)	Keep away from: Oxidizing agents See Section: 1.2

8. SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

8.1.1 Occupational Exposure Limits Not established.

8.1.2 Biological limit value Not established.

8.1.3 PNECs and DNELs Not established. Paraffin waxes and Hydrocarbon waxes, microcryst. is a hydrocarbon UVCB. The hydrocarbon block method is used in PETRORISK to calculate the environmental toxicity (HC5) of each group of components in the substance. These are used to estimate the environmental risk for the substance. Therefore individual environmental compartments PNECs are not available for this product.

8.2 Exposure controls

8.2.1 Appropriate engineering controls

Ensure adequate ventilation.

8.2.2 Individual protection measures, such as personal protective equipment (PPE)

Protective clothing should be selected specifically for the working place, depending on concentration and quantity of the hazardous substances handled. The resistance of the protective clothing to chemicals should be ascertained with the respective supplier. Wash contaminated clothing before reuse. Avoid contact with skin and eyes.

Eye/face protection



Wear protective eye glasses for protection against liquid splashes. Wear eye protection with side protection (EN166).

Skin protection



Hand protection: Wear impervious gloves (EN374).

Body protection: Wear suitable coveralls to prevent exposure to the skin.

Respiratory protection



Normally no personal respiratory protection is necessary. The substance is involatile.
Recommended: Organic vapor cartridge with a particulate pre-filter, type AP2.

Thermal hazards

Not applicable.

8.2.3 Environmental Exposure Controls

Avoid release to the environment.

9. SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Appearance	White - Amber wax @ 20 °C
Odour	Petroleum spirit Odour
Odour Threshold	Not available.
pH	Not established.
Melting Point/Freezing Point	60 – 95 °C
Initial boiling point and boiling range	≥ 341 ≤ 665 °C
Flash Point	ca. 317 °C
Evaporation Rate	Not applicable.
Flammability (solid, gas)	Non-flammable; paraffin waxes and petrolatums will burn if ignited.

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Upper/lower flammability or explosive limits	LEL: 0.9 UEL: 7
Vapour pressure	0-20 Pa at 80 °C
Vapour density	>5 (Air = 1)
Relative density	0.79 - 0.94 g/cm ³ (H ₂ O = 1)
Solubility(ies)	Negligible (Water)
Partition coefficient: n-octanol/water	5.3 - 6.7 log Pow
Auto-ignition temperature	246 °C
Decomposition Temperature	Not available.
Viscosity	Not applicable.
Explosive properties	Not explosive.
Oxidising properties	Not oxidising.

9.2 Other information None.

10. SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity	Stable under normal conditions.
10.2 Chemical stability	Stable under normal conditions.
10.3 Possibility of hazardous reactions	Hazardous polymerisation will not occur.
10.4 Conditions to avoid	Temperatures above melting point.
10.5 Incompatible materials	Oxidizing agents (Peroxides, Chlorine, Liquid Oxygen)
10.6 Hazardous decomposition product(s)	May decompose in a fire giving off toxic fumes. Oxides of nitrogen, sulphur and carbon may be formed.

11. SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects (Substances in preparations / mixtures)	
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.
Inhalation	Based upon the available data, the classification criteria are not met. Acute Toxicity Estimate Mixture Calculation: Estimated LC50 >20.0 mg/l.
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.
Toxicity for reproduction	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.
11.2 Other information	None.

12. SECTION 12: ECOLOGICAL INFORMATION

12.1 Toxicity	Based upon the available data, the classification criteria are not met. Estimated Mixture LC50 >100 mg/l (Fish)
12.2 Persistence and degradability	Read across: Inherently biodegradable, fulfilling criteria.
12.3 Bioaccumulative potential	No data / Not applicable
12.4 Mobility in soil	The substance may adsorb onto soils and sediments.
12.5 Results of PBT and VPVB assessment	Not classified as PBT or vPvB.
12.6 Other adverse effects	None known.

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13. SECTION 13: DISPOSAL CONSIDERATIONS

- 13.1 Waste treatment methods** Make sure that packaging is completely empty before recycling. Dispose of uncured residues in the same way as the product itself.
- 13.2 Additional Information** Dispose of contents in accordance with local, state or national legislation.

14. SECTION 14: TRANSPORT INFORMATION

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

	ADR/RID	IMDG	IATA
14.1 UN number	Not classified as dangerous for transport.		
14.2 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 as a Marine Pollutant.	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		
14.8 Additional Information	None		

15. SECTION 15: REGULATORY INFORMATION

- 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**
- 15.1.1 EU regulations**
- Substance(s) of Very High Concern (SVHCs) Not listed
CoRAP Substance Evaluation Not listed
Annex XVII (Restrictions) Not listed
- 15.1.2 National regulations**
- Germany Water hazard class: nwg (Not hazardous)
- 15.2 Chemical Safety Assessment** A chemical safety assessment is not required under REACH.

16. SECTION 16: OTHER INFORMATION

The following sections contain revisions or new statements: V2.0
Updated Section 2.1, 3.1, 4, 5, 6, 7, 8, 10.6, 11, 12.2, 14, 15, 16.

References: Existing Safety Data Sheet (SDS) and Existing ECHA registration(s) for Paraffin waxes and Hydrocarbon waxes, microcryst. (CAS No. 63231-60-7).

Classification of the substance or mixture According to Regulation (EC) No. 1272/2008 (CLP)	Classification Procedure
Not classified	None.

LEGEND

LTEL: Long Term Exposure Limit
STEL: Short Term Exposure Limit
DNEL: Derived No Effect Level
OCED: Organisation for Economic Cooperation and Development
PNEC: Predicted No Effect Concentration
PBT: Persistent, Bioaccumulative and Toxic
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.

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Annex to the extended Safety Data Sheet (eSDS)

No information available.



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