

SAFETY DATA SHEET

Revision: 1.0 Date: 28.05.2015

ACCORDING TO EC-REGULATIONS 1907/2006 (REACH),
1272/2008 (CLP) & 453/2010

M-Coat W-1

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

- 1.1 Product identifier**
Product Name M-Coat W-1
Chemical Name Mixture
CAS No. Mixture
EINECS No. Mixture
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

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.
- 2.1.2 Directive 67/548/EEC & Directive 1999/45/EC** Not classified as dangerous for supply/use.
- 2.2 Label elements**
Product Name According to Regulation (EC) No. 1272/2008 (CLP)
M-Coat W-1
Hazard Pictogram(s) None assigned.
Signal Word(s) None assigned.
Hazard Statement(s) None assigned.
Precautionary Statement(s) None assigned.
- 2.3 Other hazards** None.

3. SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

- 3.1 Substances**

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

Chemical identity of the substance	%W/W	CAS No.	EC No.	Hazard Statement(s)
Paraffin waxes and Hydrocarbon waxes, microcryst.	100	63231-60-7	264-038-1	Not classified.

Directive 67/548/EEC & Directive 1999/45/EC

Chemical identity of the substance	%W/W	CAS No.	EC No.	EC Classification and Risk Phrases
Paraffin waxes and Hydrocarbon waxes, microcryst.	100	63231-60-7	264-038-1	Not classified.

3.2 Mixtures Not applicable.

4. SECTION 4: FIRST AID MEASURES



4.1 Description of first aid measures

Inhalation

Unlikely route of exposure.

Skin Contact

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

Eye Contact

Flush eyes with water for at least 15 minutes while holding eyelids open. If eye irritation persists, get medical advice/attention.

Ingestion

Wash out mouth with water and give 200-300 ml (half a pint) of water to drink. Do not induce vomiting. If symptoms persist, obtain medical attention.

4.2 Most important symptoms and effects, both acute and delayed

None known.

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

Extinguish with carbon dioxide, dry chemical, foam or waterspray.

Unsuitable extinguishing Media

Do not use water jet.

5.2 Special hazards arising from the substance or mixture

May decompose in a fire giving off toxic fumes.

5.3 Advice 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.

6. SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

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

6.2 Environmental precautions

Avoid run off to waterways and sewers.

6.3 Methods and material for containment and cleaning up

Clean up spill immediately. 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

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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. |
| 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. |
| | Storage temperature | Ambient. |
| | Storage life | Stable under normal conditions. |
| | Incompatible materials | Keep away from: Oxidizing agents |
| 7.3 | Specific end use(s) | Coatings / Paint Applications. |

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. |
| 8.2 | Exposure controls | |
| 8.2.1 | Appropriate engineering controls | Ensure adequate ventilation. Atmospheric levels should be controlled in compliance with the occupational exposure limit. |
| 8.2.2 | Individual protection measures, such as personal protective equipment (PPE) | Use personal protective equipment as required. 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 | Wear impervious gloves (EN374). |
| |  | |
| | Respiratory protection | Normally no personal respiratory protection is necessary. The substance is involatile. |
| |  | |
| | 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	Not available.
Decomposition Temperature	Not available.
Viscosity	Solid wax
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)
10.6 Hazardous decomposition product(s)	May decompose in a fire giving off toxic fumes. Carbon monoxide, Carbon dioxide.

11. SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects (Substances in preparations / mixtures)

Acute toxicity

Ingestion	Not classified.
Inhalation	Not classified.
Skin Contact	Not classified.
Eye Contact	Not classified.

Irritation Not classified.

Corrosivity Not classified.

Sensitisation Not classified.

Repeated dose toxicity Not classified.

Carcinogenicity Not classified.

Mutagenicity Not classified.

Toxicity for reproduction Not classified.

11.2 Other information None.

12. SECTION 12: ECOLOGICAL INFORMATION

12.1 Toxicity	Not classified as a Marine Pollutant.
12.2 Persistence and degradability	Readily biodegradable.
12.3 Bioaccumulative potential	No data.
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.

13. SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods	Dispose of contents in accordance with local, state or national legislation.
13.2 Additional Information	None.

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14. SECTION 14: TRANSPORT INFORMATION

	ADR/RID / IMDG / IATA
14.1 UN number	Not classified as dangerous for transport.
14.2 Proper Shipping Name	Not classified
14.3 Transport hazard class(es)	Not classified
14.4 Packing group	Not classified
14.5 Environmental hazards	Not classified
14.6 Special precautions for user	Not classified
14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code	Not classified

15. SECTION 15: REGULATORY INFORMATION

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture	
15.1.1 Authorisations and/or Restrictions On Use	None.
15.1.2 National regulations	None known.
15.2 Chemical Safety Assessment	Not available.

16. SECTION 16: OTHER INFORMATION

The following sections contain revisions or new statements: 1-16.

References: Existing Safety Data Sheet (SDS) and Existing ECHA registration(s) for Paraffin waxes and Hydrocarbon waxes, microcryst. (CAS# 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
PNEC	Predicted No Effect Concentration
PBT	PBT: Persistent, Bioaccumulative and Toxic
vPvB	vPvT: very Persistent and very Toxic
OECD	Organisation for Economic Cooperation and Development

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)

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No information available.