

SAFETY DATA SHEET



Version: 2.0
Date of Issue: 24-Apr-2017
Date of First Issue: 11-May-2012

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ACCORDING TO OSHA HCS (29 CFR 1910.1200)

SECTION 1: IDENTIFICATION

Product identifier used on the label	M-Coat W-1
Other means of identification	
Chemical Name	Mixture
CAS No.	Mixture
EINECS No.	Mixture
Recommended use of the chemical and restrictions on use	
Recommended use	PC9a Coatings and paints, thinners, paint removers
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
Paraffin waxes and Hydrocarbon waxes, microcryst.	100	63231-60-7	264-038-1	Not classified.

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SECTION 4: FIRST AID MEASURES



Description of first aid measures

Self-protection of the first aider

Inhalation

Skin Contact

Eye Contact

Ingestion

Most important symptoms and effects, both acute and delayed

Indication of any immediate medical attention and special treatment needed

Wear suitable protective clothing.

Unlikely route of exposure.

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

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

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.

None known.

Unlikely to be required but if necessary treat symptomatically.

SECTION 5: FIRE-FIGHTING MEASURES

Extinguishing media

Suitable Extinguishing Media

Unsuitable extinguishing Media

Special hazards arising from the substance or mixture

Special protective equipment and precautions for fire fighters

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

Do not use water jet.

May decompose in a fire giving off toxic fumes.

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.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Methods and material for containment and cleaning up

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

Clean up spill immediately. Wipe up remainder then remove to safe place. Transfer to a container for disposal. Recover or recycle if possible.

SECTION 7: HANDLING AND STORAGE

Precautions for safe handling

Conditions for safe storage, including any incompatibilities

Storage temperature

Incompatible materials

Wear suitable gloves if prolonged skin contact is likely. Wash hands thoroughly after handling. Do not eat, drink or smoke when using this product.

Store in a well-ventilated place. Keep container tightly closed. Keep away from heat, sources of ignition and direct sunlight.

Ambient.

Keep away from: Oxidizing agents

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational Exposure Limits

Biological Exposure Indices

Appropriate engineering controls

Individual protection measures, such as personal

No Occupational Exposure Limit assigned.

Not established

Ensure adequate ventilation. Atmospheric levels should be controlled in compliance with the occupational exposure limit.

Use personal protective equipment as required. Wash contaminated clothing

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protective equipment (PPE)

Eye/face protection



before reuse. Avoid contact with skin and eyes.

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

Skin protection



Wear impervious gloves.

Respiratory protection



Normally no personal respiratory protection is necessary. The substance is involatile.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Appearance	White - Amber wax @ 20°C
Odor	Petroleum spirit Odour
Odor 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 (Butyl acetate = 1)	Not applicable.
Flammability (solid, gas)	Non-flammable; paraffin waxes and petrolatums will burn if ignited.
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

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	Temperatures above melting point.
Incompatible materials	Oxidizing agents (Peroxides, Chlorine)
Hazardous decomposition product(s)	May decompose in a fire giving off toxic fumes. Carbon monoxide, Carbon dioxide.

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.
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.

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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	Unlikely – accidental exposure
Eye Contact	Unlikely – accidental exposure

Early onset symptoms related to exposure None known

Delayed health effects from exposure None known

Other information

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

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity	Not classified as a Marine Pollutant.
Persistence and degradability	Readily biodegradable.
Bioaccumulative potential	No data.
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

TSCA (Toxic Substance Control Act)	Not listed
EPCRA/SARA Section 302 Extremely Hazardous Substances	Not listed
EPCRA Section 313 Toxics Release Inventory (TRI)	Not listed

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Program	
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.

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References:

Existing Safety Data Sheet (SDS)
EU Data: Existing ECHA registration(s) for Paraffin waxes and Hydrocarbon waxes, microcryst. (CAS# 63231-60-7).

GHS Classification of the substance or mixture	Classification Procedure
Not classified	None.

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 ¹ : 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.

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