

SAFETY DATA SHEET

VM100 BLACK PART B

Revision 10
Revision date 2019-01-17

8.2. Exposure controls

| | |
|--|---|
| 8.2.1. Appropriate engineering controls | Ensure adequate ventilation of the working area. |
| 8.2.2. Individual protection measures | Wear chemical protective clothing. Wash hands at the end of each work shift and before eating, smoking and using the toilet. Wash immediately with soap and water if skin becomes contaminated. Promptly remove any clothing that becomes wet or contaminated. Respiratory protection must be used if the airborne contamination exceeds the recommended occupational exposure limit. Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. |
| Eye / face protection | Approved safety goggles. Face shield. Provide eye wash station. |
| Skin protection - Handprotection | Chemical resistant gloves (PVC). Thickness 0.2mm for periods of 1 - 4 hours. Consult glove manufacturer for break through times. |
| Respiratory protection | In case of insufficient ventilation, wear suitable respiratory equipment. |

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

| | |
|----------------------------------|--------------------------------------|
| Appearance | Gel |
| Colour | Amber |
| Odour | Characteristic |
| pH | No data available |
| Melting point | No data available |
| Freezing Point | No data available |
| Initial boiling point | No data available |
| Flash point | 10 °C |
| Flammability (solid, gas) | No data available |
| Upper Explosive Limit | = 12.5 % |
| Lower Explosive Limit | = 2.1 % |
| Vapour pressure | No data available |
| Vapour density | No data available |
| Relative density | 0.906 (H ₂ O = 1 @ 20 °C) |
| Fat Solubility | No data available |
| Partition coefficient | No data available |
| Autoignition temperature | No data available |
| Viscosity | > 400000 mPas (Cone & Plate) |
| Explosive properties | No data available |
| Oxidising properties | No data available |
| Solubility | No data available |

9.2. Other information

| | |
|------------------------|-------------------|
| Conductivity | No data available |
| Surface tension | No data available |
| Gas group | No data available |
| Benzene Content | Not applicable. |
| Lead content | Not applicable. |

SECTION 10: Stability and reactivity

10.1. Reactivity

| | |
|--|---|
| | Avoid sparks, flames, heat and sources of ignition. |
|--|---|

SAFETY DATA SHEET

VM100 BLACK PART B

Revision 10

Revision date 2019-01-17

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

Oxidising agents.

10.4. Conditions to avoid

Heat, sparks and open flames. Do NOT allow to freeze. Keep away from strong acids, alkalis and organic peroxides/hydroperoxides.

10.5. Incompatible materials

Alkalis. Strong acids. Strong oxidising agents.

10.6. Hazardous decomposition products

Burning produces irritating, toxic and obnoxious fumes.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

| | |
|-----------------------------------|---|
| Acute toxicity | Irritating to respiratory system. Irritating to skin. MAY CAUSE ALLERGIC SKIN REACTION. |
| Skin corrosion/irritation | Irritating to skin. |
| Serious eye damage/irritation | No irritation expected. |
| Respiratory or skin sensitisation | May cause sensitisation by skin contact. May cause irritation to respiratory system. |
| Germ cell mutagenicity | No data is available on this product. |
| Carcinogenicity | No data is available on this product. |
| Reproductive toxicity | No data is available on this product. |
| STOT-single exposure | May cause irritation to respiratory system. |
| STOT-repeated exposure | No data is available on this product. |
| Aspiration hazard | No Significant Hazard. |

11.1.4. Toxicological Information

| | | |
|--|--|---------------------------------|
| 6,6'-ditert-butyl-4,4'-thiodi-m-cresol | Oral Rat LD50: >2000 mg/kg Inhalation Rat LC50/4 h: >5mg/l | Dermal Rabbit LD50: >2000 mg/kg |
| Butylated Hydroxytoluene | Oral Rat LD50: 1700mg/kg Dermal Guinea Pig LD50: >8000mg/kg | Oral Mouse LD50: 800-1600mg/kg |
| Methyl methacrylate | Dermal Rat LD50: 5000mg/kg | |
| Pyridine, 3,5-diethyl-1,2-dihydro-1-phenyl-2-propyl- | Dermal Rat LD50: 500mg/kg | Dermal Rabbit LD50: 1000mg/kg |

11.1.13. Other information

Extensive use of the product in areas with inadequate ventilation may result in the accumulation of hazardous vapour concentrations.

SECTION 12: Ecological information

12.1. Toxicity

No data available

| | |
|--------------------------|---|
| Butylated Hydroxytoluene | NOEC / EC10 for marine or freshwater organisms -0.3160 mg/l |
|--------------------------|---|

Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

12.2. Persistence and degradability

The product is potentially degradable.

SAFETY DATA SHEET

VM100 BLACK PART B

Revision 10
Revision date 2019-01-17

12.3. Bioaccumulative potential

No data is available on this product.

Partition coefficient

VM100 Part B No data available

12.4. Mobility in soil

No data is available on this product.

12.5. Results of PBT and vPvB assessment

This product does not contain any substances classified as PBT or vPvB.

12.6. Other adverse effects

May cause long-term adverse effects in the environment.

SECTION 13: Disposal considerations

General information

Dispose of in compliance with all local and national regulations. Wear suitable protective clothing, gloves and eye/face protection.

Disposal methods

For disposal within the EC, the appropriate code according to the European Waste Catalogue (EWC) should be used. Dispose of this material and its container to hazardous or special waste collection point.

Disposal of packaging

Empty containers can be sent for disposal or recycling.

SECTION 14: Transport information

Hazard pictograms



14.1. UN number

UN1133

14.2. UN proper shipping name

ADHESIVES

14.3. Transport hazard class(es)

| | |
|-----------------|---|
| ADR/RID | 3 |
| Subsidiary risk | - |
| IMDG | 3 |
| Subsidiary risk | - |
| IATA | 3 |
| Subsidiary risk | - |

14.4. Packing group

Packing group II

14.5. Environmental hazards

Environmental hazards No

SAFETY DATA SHEET

VM100 BLACK PART B

Revision 10

Revision date 2019-01-17

14.5. Environmental hazards

| | |
|------------------|----|
| Marine pollutant | No |
|------------------|----|

ADR/RID

| | |
|-----------------|-------|
| Hazard ID | 33 |
| Tunnel Category | (D/E) |

IMDG

| | |
|----------|---------|
| EmS Code | F-E S-D |
|----------|---------|

IATA

| | |
|---------------------------------|-----|
| Packing Instruction (Cargo) | 364 |
| Maximum quantity | 60L |
| Packing Instruction (Passenger) | 353 |
| Maximum quantity | 5L |

SECTION 15: Regulatory information**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**

| | |
|--|---|
| | REGULATION (EC) No 1907/2006 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC. COMMISSION REGULATION (EU) 2015/830 of 28 May 2015 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH). |
|--|---|

15.2. Chemical safety assessment

| | |
|--|---|
| | No chemical safety assessment has been conducted on this product. |
|--|---|

SECTION 16: Other information**Other information**

| | |
|--|---|
| Revision | This document differs from the previous version in the following areas: 2 - Hazard pictograms. |
| Text of Hazard Statements in Section 3 | Flam. Liq. 2: H225 - Highly flammable liquid and vapour. Skin Irrit. 2: H315 - Causes skin irritation. Skin Sens. 1: H317 - May cause an allergic skin reaction. STOT SE 3: H335 - May cause respiratory irritation. Acute Tox. 4: H302 - Harmful if swallowed. Eye Irrit. 2: H319 - Causes serious eye irritation. Aquatic Acute 1: H400 - Very toxic to aquatic life. Aquatic Chronic 1: H410 - Very toxic to aquatic life with long lasting effects. Flam. Liq. 3: H226 - Flammable liquid and vapour. |

Further information

| | |
|--|--|
| | The information supplied in this Safety Data Sheet is designed only as guidance for the safe use, storage and handling of the product. This information is correct to the best of our knowledge and belief at the date of publication however no guarantee is made to its accuracy. This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process. |
|--|--|