
SECTION 1: Identification of the substance/mixture and of the company/undertaking**1.1 Product identifier**

Trade Name: Revac BM / BM CHEM / BMF / BMLD / BM V0 / BM High Strength/BM Reinforced

1.2 Relevant identified uses of the substance or mixture and uses advised against

Recommended intended purpose(s): Sound Insulation

1.3 Details of the supplier of the safety data sheet

Manufacturer/Distributor: WSBL Ltd
Durbar Mill
Hereford Road
Blackburn
BB1 3JU
UK

Telephone: +44 (0) 1254 583825

Email: lrobinson@wsbl.co.uk

1.4 Emergency telephone number

+44 (0) 1254 583825

SECTION 2: Hazards identification**2.1 Classification of the substance or mixture**

Under normal conditions of use, the material is classified as non-hazardous.

2.2 Label elements

According to EC directives or the corresponding national regulations there is no labelling obligation for this product.

2.3 Other hazards

No additional information available.

SECTION 3: Composition/information on ingredients**3.1 Substances****Components**

Chemical name	CAS-No. EC-No.	Concentration (%)
Diisononyl phthalate	28553-12-0 249-079-5	5 - 10

SECTION 4: First aid measures**4.1 Description of first aid measures**

General advice:	Not expected to be a health hazard when used under normal conditions.
Protection of first-aiders:	When administering first aid, ensure that you are wearing the appropriate personal protective equipment according to the incident, injury and surroundings.
If inhaled:	Not applicable at ambient temperature. In a situation where material is thermally degrading, move to fresh air and consult a doctor if necessary.
In case of skin contact:	Not applicable at ambient temperature. On contact with molten material, wash abundantly with cold water. Treat affected area as thermal burns.
In case of eye contact:	Not applicable at ambient temperature. On contact with molten material wash abundantly with cold. Seek medical attention.
If swallowed:	In the unlikely event of ingestion, seek medical attention.

4.2 Most important symptoms and effect, both acute and delayed

Symptoms:

If inhaled:	No specific hazards under normal use conditions. In event of thermal decomposition material emits toxic fumes of hydrogen chloride.
In case of skin contact:	No specific hazards under normal use conditions.
In case of eye contact:	No specific hazards under normal use conditions.
If Swallowed:	Material may present choking hazard.

4.3 Indication of any immediate medical attention and special treatment needed

Treatment:	Seek medical attention if necessary.
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SECTION 5: Firefighting Measures**5.1 Extinguishing media**

Suitable extinguishing media:	Foam, water spray or fog, dry chemical powder, carbon dioxide, sand or earth may be used for small fires only.
Unsuitable extinguishing media:	Water jets not recommended to avoid the spread of flame.

5.2 Special hazards arising from the substance or mixture

Specific hazards during firefighting:	In combustion emits toxic fumes including carbon monoxide, carbon dioxide and hydrogen chloride.
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5.3 Advice for firefighters

Special protective equipment for firefighters:	Self-contained breathing apparatus should be worn.
Special extinguishing methods:	Not Applicable.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Personal precautions:	Not applicable under ambient temperature. Avoid skin contact with hot product.
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6.2 Environmental precautions

Environmental precautions:	No specific hazard but we advise that the material is not released into the environment.
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6.3 Methods and materials for containment and cleaning up

Methods for cleaning up:	No special measures.
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6.4 Reference to other sections

For guidance on disposal of spilled material see section 13.

SECTION 7: Handling and Storage

7.1 Precautions for safe handling

Advice on safe handling:	Observe standard conditions of personal hygiene. Gloves are recommended for repeated handling of the material. During higher temperature processes and during conversion operations, provide ventilation of the premises to remove any vapour or dust likely to be given off.
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7.2 Conditions for safe storage, including any incompatibilities

Requirements for storage areas and containers:	Refer to section 15 for any additional specific legislation covering the packaging and storage of this material.
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Other data:	Storage temperature: Ambient
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No special storage requirements. Protect the material from heat and store in cool conditions.

7.3 Specific end use(s)

Specific use(s):	Sound insulation.
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SECTION 8: Exposure controls/personal protection**8.1 Specific end use(s)****Occupational Exposure Limits**

No data available.

8.2 Exposure controls

Engineering Measures:	Not applicable generally, but in higher temperature processes or conversion operations ventilation of the work area is required to remove any vapour or liberated dust.
Respiratory Protection:	Use in a well ventilated area.
Hand Protection:	For repeated handling at ambient temperatures latex or cotton gloves may be preferred. For hot material, wear thermal gloves.
Eye protection:	Not applicable at ambient temperatures. If working with hot or near molten material, wear safety glasses, goggles.
Skin protection:	For repeated handling gloves are recommended. If working with hot or near molten material, additional protective clothing is recommended.

SECTION 9: Physical and chemical properties**9.1 Information on basic physical and chemical properties**

Appearance:	Solid
Colour:	Grey / Black
Odour:	Distinctive vinyl odour
Odour Threshold:	Data not available
PH:	N/A
Melting/freezing point:	Material will begin to soften slightly at <60°C.
Boiling point/ boiling range:	N/A
Flash point:	>200°C (plasticizer component)
Evaporation rate:	N/A
Flammability (solid, gas):	Not easily flammable
Upper explosion limit:	N/A
Lower explosion limit:	N/A
Vapour pressure:	N/A
Density:	Typical 2000 – 2500 kg/m ³ (15°C)

Solubility(ies)

Water solubility:	Insoluble
Solubility in other solvents:	Solvent: Methyl Ethyl Ketone (MEK), Tetrahydrofuran and some other polar organic solvents.

Partition coefficient: n-octanol/water: Data not available
Auto-ignition temperature: Data not available
Decomposition temperature: >140°C

Viscosity

Viscosity, dynamic: Not applicable
Viscosity, kinematic: Not applicable
Explosive properties: Not applicable
Oxidizing properties: Not applicable

9.2 Other information

Conductivity: Low conductivity.

SECTION 10: Stability and reactivity**10.1 Reactivity**

Under normal storage conditions the material will be stable and unreactive. At elevated temperatures for a prolonged time (>140°C) thermal decomposition gases will be liberated from the polymer layer which will auto catalyse further degradation.

10.2 Chemical stability

No hazardous reaction is expected when handled and stored according to provisions, stable under normal conditions of use.

10.3 Possibility of hazardous reactions

Hazardous reactions: Unlikely under ambient conditions.

10.4 Conditions to avoid

Conditions to avoid: Avoid heat, sparks, open flames and other ignition sources.

10.5 Incompatible materials

Materials to avoid: Strong oxidizing agents.

10.6 Hazardous decomposition products

Hazardous decomposition products: Carbon Monoxide, Carbon Dioxide, Hydrogen Chloride and other hydrocarbons.

SECTION 11: Toxicological information**11.1 Information on toxicological effects**

Basis for assessment: Information given is based on product testing, and/or similar products, and/or components.

Information on likely routes of exposure:

As a solid material exposure routes through inhalation, skin and eyes are not applicable. In the unlikely event of ingestion seek medical attention.

Toxicity values (DINP)

Route	Species	Test	Value	Units
Dermal	RBT	LD50	>3,160	mg/kg
Oral	RAT	LD50	>10,000	mg/kg

Symptoms / routes of exposure

Skin contact: No specific symptoms.
Eye Contact: No specific symptoms.
Ingestion: There may be irritation of the throat including choking.
Inhalation: No specific symptoms.

Delayed/immediate effects: No data available.
Other information: Not applicable.

SECTION 12: Ecological information**12.1 Toxicity**

Basis for assessment: Incomplete ecotoxicological data are available for this product. The information given below is based partly on a knowledge of the components and the ecotoxicology of similar products.

Ecotoxicity values (DINP)

Species	Test	Value	Units
Daphnia magna	48H EC50	>74	mg/l
Scenedesmus subspicatus	72H ErC50	>88	mg/l
Brachydanio rerio	96H LC50	>102	mg/l

12.2 Persistence and degradability

Biodegradability: Biologically not degradable.

12.3 Bioaccumulative potential

Bioaccumulation: Has the potential to bioaccumulate.

12.4 Mobility in soil

Mobility: Insoluble in water.

12.5 Results of PBT and vPvB assessment

No data available.

12.6 Other adverse effects

SECTION 13: Disposal considerations**13.1 Waste treatment methods**

Product: Recover or recycle if possible. The product is a thermoplastic polymer compound and thus can be granulated and thermally reprocessed.

Do not dispose into the environment, in drains or in water courses. Waste product should not be allowed to contaminate soil or ground water, or be disposed of into the environment.

Disposal should be in compliance with local and national regulations.

SECTION 14: Transport information**14.1 UN Number**

ADR: Not Applicable
RID: Not Applicable
IMDG: Not Applicable
IATA: Not Applicable

14.2 Proper shipping name

ADR: Not Applicable
RID: Not Applicable
IMDG: Not Applicable
IATA: Not Applicable

14.3 Transport hazard class

ADR: Not Applicable
RID: Not Applicable
IMDG: Not Applicable
IATA: Not Applicable

14.4 Packaging group

ADR: Not Applicable
RID: Not Applicable
IMDG: Not Applicable
IATA: Not Applicable

14.5 Environmental hazards

ADR
Environmentally hazardous: No

RID

Environmentally hazardous: No

IMDG

Marine pollutant: No

14.6 Special precautions for user

Remarks: Special precautions: Refer to section 7, handling and storage, for special precautions which a user needs to be aware of or needs to comply with in connection with transport.

14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC code

Not Applicable

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

Contains no REACH substances with Annex XVII restrictions.

Contains no substance on the REACH candidate list in a concentration above 0.1% w/w.

Contains no REACH Annex XIV substances.

15.2 Chemical safety assessment

No additional information available.

SECTION 16: Other Information

Other information

Other information: This safety data sheet is prepared in accordance with Commission Regulation (EU) No 453/2010.

Legal disclaimer: Legal disclaimer: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.