

SAFETY DATA SHEET

according to Regulation (EU) 2015/830

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Highways MBM30

Revision 2

Revision date 2019-12-11

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

| | |
|--------------|----------------|
| Product name | Highways MBM30 |
|--------------|----------------|

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

| | |
|-------------|---|
| Product Use | [SU22] Professional uses: Public domain (administration, education, entertainment, services, craftsmen); [SU19] Building and construction work; [PC1] Adhesives, sealants; [PROC19] Hand-mixing with intimate contact and only PPE available; [ERC5] Industrial use resulting in inclusion into or onto a matrix; [AC4] Stone, plaster, cement, glass and ceramic articles; |
|-------------|---|

1.3. Details of the supplier of the safety data sheet


| | |
|-----------|---|
| Company | Larsen Building Products Ltd |
| Address | 4 West Bank Road Belfast Harbour Industrial Estate Belfast BT3 9JL United Kingdom |
| Web | www.larsenbuildingproducts.com |
| Telephone | +44 (0)28 9077 4000 |
| Fax | +44 (0)28 9077 6945 |
| Email | t.moore@larsenbuildingproducts.com |

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

| | |
|--------------------------------------|---------------------------------------|
| 2.1.2. Classification - EC 1272/2008 | Skin Sens. 1: H317; Eye Dam. 1: H318; |
|--------------------------------------|---------------------------------------|

2.2. Label elements

| | |
|-------------------------------------|--|
| Hazard pictograms |  |
| Signal Word | Danger |
| Hazard Statement | Skin Sens. 1: H317 - May cause an allergic skin reaction. Eye Dam. 1: H318 - Causes serious eye damage. |
| Precautionary Statement: Prevention | P261 - Avoid breathing dust/fume/gas/mist/vapours/spray. P272 - Contaminated work clothing should not be allowed out of the workplace. P280 - Wear protective gloves/protective clothing/eye protection/face protection. |
| Precautionary Statement: Response | P302+P352 - IF ON SKIN: Wash with plenty of water/ . P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P310 - Immediately call a POISON CENTER/doctor/ . P321 - Specific treatment (see on this label). P333+P313 - If skin irritation or rash occurs: Get medical advice/attention. |

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2.2. Label elements

| | |
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| Precautionary Statement: Disposal | P501 - Dispose of contents/container to |
|--|---|

SECTION 3: Composition/information on ingredients

3.2. Mixtures

EC 1272/2008

| Chemical Name | Index No. | CAS No. | EC No. | REACH Registration Number | Conc. (%w/w) | Classification |
|---|-----------|------------|-----------|---------------------------|--------------|---|
| Silica Sand (<1% Respirable Quartz) | | 14808-60-7 | 238-878-4 | | | Acute Tox. 4: H332; STOT RE 2: H373; |
| Calcium Sulphate Hemihydrate (Plaster of Paris) | | 26499-65-0 | 231-900-3 | | | |
| Portland Cement | | 65997-15-1 | 266-043-4 | | | Skin Irrit. 2: H315; Skin Sens. 1: H317; Eye Dam. 1: H318; STOT SE 3: H335; |

SECTION 4: First aid measures

4.1. Description of first aid measures

| | |
|---------------------|---|
| Inhalation | Irritating to respiratory system. Inhalation may cause coughing, tightness of the chest and irritation of the respiratory system. Move the exposed person to fresh air. Seek medical attention. |
| Eye contact | Irritating to eyes. Rinse immediately with plenty of water for 15 minutes holding the eyelids open. Seek medical attention if irritation or symptoms persist. |
| Skin contact | Irritating to skin. Wash off immediately with plenty of soap and water. Remove contaminated clothing. Seek medical attention if irritation or symptoms persist. |
| Ingestion | Ingestion may cause nausea and vomiting. Seek medical attention if irritation or symptoms persist. DO NOT INDUCE VOMITING. |

SECTION 5: Firefighting measures

5.1. Extinguishing media

| | |
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| | Carbon oxides. |
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5.2. Special hazards arising from the substance or mixture

| | |
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| | Burning produces irritating, toxic and obnoxious fumes. |
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5.3. Advice for firefighters

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| | Wear suitable respiratory equipment when necessary. |
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SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

| | |
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| | Avoid raising dust. Ensure adequate ventilation of the working area. Wear suitable protective equipment. |
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6.2. Environmental precautions

| | |
|--|---|
| | Do not allow product to enter drains. Prevent further spillage if safe. |
|--|---|

6.3. Methods and material for containment and cleaning up

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| | Sweep up. Transfer to suitable, labelled containers for disposal. Clean spillage area thoroughly with plenty of water. |
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SECTION 7: Handling and storage

7.1. Precautions for safe handling

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| | Avoid contact with eyes and skin. Ensure adequate ventilation of the working area. Adopt best Manual Handling considerations when handling, carrying and dispensing. |
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7.2. Conditions for safe storage, including any incompatibilities

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7.2. Conditions for safe storage, including any incompatibilities

Keep in a cool, dry, well ventilated area. Keep containers tightly closed. Store in correctly labelled containers.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

8.1.1. Exposure Limit Values

| | | |
|---|--|---|
| Calcium Sulphate Hemihydrate (Plaster of Paris) | WEL 8-hr limit ppm: - WEL 15 min limit ppm: - WEL 8-hr limit mg/m3 total inhalable dust: 10 WEL 8-hr limit mg/m3 total respirable dust: 4 | WEL 8-hr limit mg/m3: - WEL 15 min limit mg/m3: - WEL 15 min limit mg/m3 total inhalable dust: - WEL 15 min limit mg/m3 total respirable dust: - |
| Portland Cement | WEL 8-hr limit ppm: - WEL 15 min limit ppm: - WEL 8-hr limit mg/m3 total inhalable dust: 10 WEL 8-hr limit mg/m3 total respirable dust: 4 | WEL 8-hr limit mg/m3: - WEL 15 min limit mg/m3: - WEL 15 min limit mg/m3 total inhalable dust: - WEL 15 min limit mg/m3 total respirable dust: - |
| Silica Sand (<1% Respirable Quartz) | WEL 8-hr limit ppm: - WEL 15 min limit ppm: - WEL 8-hr limit mg/m3 total inhalable dust: 10 WEL 8-hr limit mg/m3 total respirable dust: 4 | WEL 8-hr limit mg/m3: 0.1 WEL 15 min limit mg/m3: - WEL 15 min limit mg/m3 total inhalable dust: - WEL 15 min limit mg/m3 total respirable dust: - |

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.

Eye / face protection

Approved safety goggles.

Skin protection - Handprotection

Chemical resistant gloves (PVC).

Respiratory protection

Wear: Suitable respiratory equipment.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

| | |
|-------------|----------------------------|
| Appearance | Powder/Granules. |
| Colour | Grey |
| Flash point | Not applicable. |
| Solubility | Slightly miscible in water |

SECTION 10: Stability and reactivity

10.2. Chemical stability

Stable under normal conditions.

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SECTION 11: Toxicological information**SECTION 12: Ecological information****12.1. Toxicity**

| | |
|--------------------------|---|
| Calcium Aluminate Cement | NOEC / EC10 for marine or freshwater organisms 1.800 mg/l |
|--------------------------|---|

SECTION 13: Disposal considerations**General information**

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| | Dispose of in compliance with all local and national regulations. |
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SECTION 14: Transport information**14.1. UN number**

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| | The product is not classified as dangerous for carriage. |
|--|--|

14.2. UN proper shipping name

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|--|--|
| | The product is not classified as dangerous for carriage. |
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14.3. Transport hazard class(es)

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| | The product is not classified as dangerous for carriage. |
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14.4. Packing group

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| | The product is not classified as dangerous for carriage. |
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14.5. Environmental hazards

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| | The product is not classified as dangerous for carriage. |
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14.6. Special precautions for user

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| | The product is not classified as dangerous for carriage. |
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14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

| | |
|--|--|
| | The product is not classified as dangerous for carriage. |
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Further information

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|--|--|
| | The product is not classified as dangerous for carriage. |
|--|--|

SECTION 15: Regulatory information**SECTION 16: Other information****Other information**

| | |
|---|---|
| Text of Hazard Statements in Section 3 | Acute Tox. 4: H332 - Harmful if inhaled. STOT RE 2: H373 - May cause damage to organs through prolonged or repeated exposure . Skin Irrit. 2: H315 - Causes skin irritation. Skin Sens. 1: H317 - May cause an allergic skin reaction. Eye Dam. 1: H318 - Causes serious eye damage. STOT SE 3: H335 - May cause respiratory irritation. |
|---|---|

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 |
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Further information

| | |
|--|---|
| | combination with any other materials or in any other process. |
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