

# SAFETY DATA SHEET

according to Regulation (EU) 2015/830

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## Highways PM04 Resin Solution

Revision 7

Revision date 2020-08-11

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

#### 1.1. Product identifier

Product name	Highways PM04 Resin Solution
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#### 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; [ERC3] Formulation in materials; [AC4] Stone, plaster, cement, glass and ceramic articles;
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#### 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

#### Intended use



	This product is intended for use as in the installations, bedding or grouting of paving for highways or pavements.
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### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

2.1.2. Classification - EC 1272/2008	Flam. Liq. 3: H226; Skin Irrit. 2: H315; Eye Irrit. 2: H319; Acute Tox. 4: H332;
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#### 2.2. Label elements

Hazard pictograms	 
Signal Word	Warning
Hazard Statement	Flam. Liq. 3: H226 - Flammable liquid and vapour. Skin Irrit. 2: H315 - Causes skin irritation. Eye Irrit. 2: H319 - Causes serious eye irritation. Acute Tox. 4: H332 - Harmful if inhaled.
Precautionary Statement: Prevention	P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. P233 - Keep container tightly closed.



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## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

	Ensure adequate ventilation of the working area. Eliminate all sources of ignition. Wear suitable protective equipment.
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### 6.2. Environmental precautions

	Do not allow product to enter drains. Prevent further spillage if safe.
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### 6.3. Methods and material for containment and cleaning up

	Absorb with inert, absorbent material. 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

	Avoid contact with eyes and skin. Ensure adequate ventilation of the working area. Use explosion proof equipment. Keep away from sources of ignition - No smoking. Adopt best Manual Handling considerations when handling, carrying and dispensing.
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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.
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## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

#### 8.1.1. Exposure Limit Values

Highways PM04 Resin Solution (Larcrete PM Pt B)	WEL 8-hr limit ppm: 100 WEL 15 min limit ppm: 250 WEL 8-hr limit mg/m3 total - inhalable dust: WEL 8-hr limit mg/m3 total - respirable dust:	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:
Styrene	WEL 8-hr limit ppm: 100 WEL 15 min limit ppm: 250 WEL 8-hr limit mg/m3 total - inhalable dust: WEL 8-hr limit mg/m3 total - respirable dust:	WEL 8-hr limit mg/m3: 430 WEL 15 min limit mg/m3: 1080 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 when necessary.

## SECTION 9: Physical and chemical properties

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## 9.1. Information on basic physical and chemical properties

Appearance	Liquid
Colour	Amber
Odour	Characteristic
Flash point	31 °C
Solubility	Insoluble in water

## 9.2. Other information

Specific gravity	1.05 - 1.2 g/cm <sup>3</sup>
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## SECTION 10: Stability and reactivity

### 10.2. Chemical stability

	Stable under normal conditions.
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### 10.3. Possibility of hazardous reactions

	Oxidising agents.
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### 10.4. Conditions to avoid

	Heat, sparks and open flames.
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## SECTION 11: Toxicological information

### 11.1.4. Toxicological Information

	Not determined
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## SECTION 12: Ecological information

### 12.1. Toxicity

	No data available
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## SECTION 13: Disposal considerations

### General information

	Dispose of in compliance with all local and national regulations.
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## SECTION 14: Transport information

### Hazard pictograms

	
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### 14.1. UN number

	UN1866
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### 14.2. UN proper shipping name

	RESIN SOLUTION
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### 14.3. Transport hazard class(es)

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

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## 14.4. Packing group

Packing group	III
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## 14.5. Environmental hazards

Environmental hazards	No
Marine pollutant	No

## ADR/RID

Hazard ID	30
Tunnel Category	(D/E)

## IMDG

EmS Code	F-E S-E
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## IATA

Packing Instruction (Cargo)	366
Maximum quantity	220 L
Packing Instruction (Passenger)	355
Maximum quantity	60 L

## SECTION 15: Regulatory information

## SECTION 16: Other information

## Other information

Revision	This document differs from the previous version in the following areas:. 8 - Respiratory protection.
Text of Hazard Statements in Section 3	Flam. Liq. 3: H226 - Flammable liquid and vapour. Skin Irrit. 2: H315 - Causes skin irritation. Eye Irrit. 2: H319 - Causes serious eye irritation. Acute Tox. 4: H332 - Harmful if inhaled.

## 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.
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