

## SAFETY DATA SHEET

according to Regulation (EU) 2015/830

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## **Highways PM04 Resin Solution**

Revision

Revision date	2020-08-11

SECTION 1: Identification of the substance/mixture and of the co	mpany/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;

#### 1.3. Details of the supplier of the safety data sheet

Company	Larsen Building Products Ltd
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**Address** 4 West Bank Road

Belfast Harbour Industrial Estate

**Belfast** BT3 9JL United Kingdom

www.larsenbuildingproducts.com

+44 (0)28 9077 4000 **Telephone** +44 (0)28 9077 6945 Fax

**Email** t.moore@larsenbuildingproducts.com

#### Intended use

Web

This product is intended for use as in the installations, bedding or grouting of paving for highways or pavements.

#### SECTION 2: Hazards identification

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

2.1.2. Classification - EC	
4070/0000	

Flam. Liq. 3: H226; Skin Irrit. 2: H315; Eye Irrit. 2: H319; Acute Tox. 4: H332;

### 12/2/2008

#### 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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#### 2.2. Label elements

2.2. Label elements	
2.2. Label elements	P240 - Ground/bond container and receiving equipment. P241 - Use explosion-proof electrical/ventilating/lighting// equipment. P242 - Use only non-sparking tools. P243 - Take precautionary measures against static discharge. P261 - Avoid breathing dust/fume/gas/mist/vapours/spray.
	P264 - Wash thoroughly after handling.
	P271 - Use only outdoors or in a well-ventilated area.
	P280 - Wear protective gloves/protective clothing/eye protection/face protection.
Precautionary Statement:	P302+P352 - IF ON SKIN: Wash with plenty of water/ .
Response	P303+P361+P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse
	skin with water/shower.
	P304+P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing.
	P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact
	lenses, if present and easy to do. Continue rinsing.
	P312 - Call a POISON CENTER/doctor/ /if you feel unwell.
	P321 - Specific treatment (see on this label).
	P332+P313 - If skin irritation occurs: Get medical advice/attention.
	P337+P313 - If eye irritation persists: Get medical advice/attention.
	P370+P378 - In case of fire: Use to extinguish.
Precautionary Statement: Storage	P403+P235 - Store in a well-ventilated place. Keep cool.

## SECTION 3: Composition/information on ingredients

#### 3.2. Mixtures

Disposal

**Precautionary Statement:** 

#### EC 1272/2008

Chemical Name	Index No.	CAS No.	EC No.	REACH Registration Number	Conc. (%w/w)	Classification
Styrene	601-026-00-0	100-42-5	202-851-5			Flam. Liq. 3: H226; Acute
						Tox. 4: H332; Eye Irrit. 2:
						H319; Skin Irrit. 2: H315;

P501 - Dispose of contents/container to

## SECTION 4: First aid measures

## 4.1. Description of first aid measures

Inhalation	Harmful by inhalation. Inhalation may cause nausea and vomiting. May cause dizziness and headache. Move the exposed person to fresh air. Seek medical attention.
Eye contact	May cause irritation 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	May cause irritation to skin. May cause dermatitis. Wash off immediately with plenty of soap and water. Remove contaminated clothing. Seek medical attention if irritation or symptoms persist.
Ingestion	Harmful if swallowed. Ingestion may cause nausea and vomiting. Ingestion is irritating to the respiratory tract and may cause damage to the central nervous system. DO NOT INDUCE VOMITING. If swallowed, seek medical advice immediately and show this container or label.

## **SECTION 5: Firefighting measures**

## 5.1. Extinguishing media

Use as appropriate: Carbon dioxide (CO2), Dry chemical, Foam.

## 5.2. Special hazards arising from the substance or mixture

. Burning produces irritating, toxic and obnoxious fumes.

#### 5.3. Advice for firefighters

Wear suitable respiratory equipment when necessary.

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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.

#### 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

Absorb with inert, absorbent material. Transfer to suitable, labelled containers for disposal. Clean spillage area thoroughly with plenty of water.

## **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.

#### 7.2. Conditions for safe storage, including any incompatibilities

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

#### 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 8-hr limit mg/m3:
· ·	WEL 15 min limit ppm: 250	WEL 15 min limit mg/m3:
	WEL 8-hr limit mg/m3 total - inhalable dust:	WEL 15 min limit mg/m3 total - inhalable dust:
	WEL 8-hr limit mg/m3 total -	WEL 15 min limit mg/m3 total -
	respirable dust:	respirable dust:
Styrene	WEL 8-hr limit ppm: 100	WEL 8-hr limit mg/m3: 430
	WEL 15 min limit ppm: 250	WEL 15 min limit mg/m3: 1080
	WEL 8-hr limit mg/m3 total - inhalable dust:	WEL 15 min limit mg/m3 total - inhalable dust:
	WEL 8-hr limit mg/m3 total - respirable dust:	WEL 15 min limit mg/m3 total - respirable dust:

### 8.2. Exposure controls



# 8.2.1. Appropriate engineering

controls

8.2.2. Individual protection measures

Eye / face protection

Skin protection -Handprotection

Respiratory protection

Ensure adequate ventilation of the working area.

Wear chemical protective clothing.

Approved safety goggles.

Chemical resistant gloves (PVC).

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 Colour Amber
Odour Characteristic
Flash point Solubility Insoluble in water

#### 9.2. Other information

Specific gravity 1.05 - 1.2 g/cm³

## SECTION 10: Stability and reactivity

#### 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.

## SECTION 11: Toxicological information

#### 11.1.4. Toxicological Information

Not determined

## SECTION 12: Ecological information

## 12.1. Toxicity

No data available

## SECTION 13: Disposal considerations

## General information

Dispose of in compliance with all local and national regulations

## SECTION 14: Transport information

## Hazard pictograms



#### 14.1. UN number

UN1866

## 14.2. UN proper shipping name

**RESIN SOLUTION** 

## 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	
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	
IATA		
Packing Instruction (Cargo)	366	
Maximum quantity	220 L	
Packing Instruction	355	
(Passenger)		
Maximum quantity	60 L	
SECTION 15: Regulatory inf	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.	