



according to 1907/2006/EC, 81

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Ponding Filler Kit


Revision 2

Revision date PJ0822RR

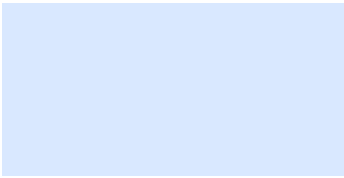
SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier	
Product name	Ponding Filler Kit
1.2. Relevant identified uses of the substance or mixture and uses against	
Product Use	[SU3] Industrial uses: Uses of substances as in preparations at industrial sites; [SU19] Building and construction work; [PC9a] Coatings and paints, thinners, paint removers;
1.3. Details of the supplier of the safety data sheet	
Company	Liquid Roofing Systems Ltd
Address	Prees Green Shropshire SY13 2BN
Web	lrs-systems.co.uk
Telephone	01948 841 877
Fax	01948 841 854
Email	info@lrs-systems.co.uk
1.4. Emergency telephone number	
Emergency number	07983631893 or contact NHS 111/a doctor

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture	
2.1.1. 1999/45/EC Main hazards	F; R11 Xi; R37/38-43 Symbols: F: Highly flammable. Xi: Irritant.
2.1.2. EC 1272/2008	Highly flammable. Irritating to respiratory tract and skin. May cause sensitisation by skin contact. Flam. Liq. 2: H225; Skin Irrit. 2: H315; Skin Sens. 1: H317; STOT SE 3: H335;
2.2. Label elements	
Hazard	
Signal	Danger
Hazard	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.

Print date



2.2. Label elements

Precautionary Statement: Prevention	P210 - Keep away from heat, hot surfaces, open flames and other ignition sources. No smoking. P233 - Keep container tightly closed. P240 - Ground/bond container and receiving equipment. P241 - Use explosion-proof 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. 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/ . P303+P361+P353 - IF ON SKIN (or hair): Take off all contaminated clothing. Rinse skin with water/shower. P304+P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing. 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. P333+P313 - If skin irritation or rash occurs: Get medical advice/attention. P370+P378 - In case of fire: Use to extinguish.
Precautionary Statement: Storage	P403+P233 - Store in a well-ventilated place. Keep container tightly closed. P403+P235 - Store in a well-ventilated place. Keep cool. P405 - Store locked up.
Precautionary Statement: Disposal	P501 - Dispose of contents/container to

SECTION 3: Composition/information on ingredients

3.2. 67/548/EEC / 6

Chemical Name	Index N	CAS N	EC No.	REACH Number	Conc. (%w/w)	Classification	M-factor.
Methyl Methacrylate	607-035-00-6	80-62-6	201-297-1	01-2119452498-28	70 - 80%	F; R11 Xi; R37/38 R43	
Chemical Name	Index N	CAS N	EC No.	REACH Number	Conc. (%w/w)	Classification	M-factor.
Methyl Methacrylate	607-035-00-6	80-62-6	201-297-1	01-2119452498-28	70 - 80%	Flam. Liq. 2: H228 3: H335; Skin Irrit. 2: H314 Skin Sens. 1: H317;	

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation	Move the exposed person to fresh air.
Eye contact	Rinse immediately with plenty of water for 15 minutes, holding the eyelids open.
Skin contact	Wash off immediately with plenty of soap and water. Remove contaminated clothing.
Ingestion	DO NOT INDUCE VOMITING. Drink 1 to 2 glasses of water.

4.2. Most important symptoms and effects, both acute and delayed

Inhalation	Inhalation may cause coughing, tightness of the chest and irritation of the respiratory system.
Eye contact	Irritating to eyes.
Skin contact	Irritating to skin.
Ingestion	Ingestion may cause nausea and vomiting.

4.3. Indication of any immediate medical attention and special treatment needed

Inhalation	Seek medical attention.
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4.3. Indication of any immediate medical attention and special ~~is~~ needed

Eye S kin a Ingestion	Seek medical attention if irritation or symptoms persist.
	Seek medical attention if irritation or symptoms persist.
	Seek medical attention.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Carbon oxides. Dry chemical. Foam. Do NOT use ~~jet~~.

5.2. Special hazards arising from the substance or mixture

Highly flammable. Burning produces ~~to~~xic and obnoxious fumes. Vapour may travel considerable distance to source of ignition and flash back.

5.3. Advice for firefighters

Self-contained breathing apparatus. Wear ~~pl~~othing.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency ~~pl~~

Ensure adequate ventilation of the working area. Wear suitable protective equipment. Eliminate all sources of ignition. Evacuate personnel to a safe area. Wear suitable respiratory equipment when necessary.

6.2. Environmental precautions

Do not allow product to enter drains. Prevent ~~le~~akage if safe.

6.3. Methods and material for containment and cleaning up

Absorb with inert, absorbent material. Sweep ~~o~~ff and transfer to suitable, labelled containers for disposal. Clean spillage area thoroughly with plenty of water. Use explosion proof equipment.

6.4. Reference to other sections

See section 8 for ~~in~~formation. See section 13 for further information.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Avoid contact with eyes and skin. Ensure ~~g~~ood ventilation of the working area. Use explosion proof equipment. Keep away from sources of ignition - No smoking. Vapours are heavier than air.

7.2. Conditions for safe storage, including any incompatibilities

Keep in a cool, dry, well ventilated area. Keep ~~li~~ghtly closed. Store in correctly labelled containers. Store in original container.

7.3. Specific end use(s)

See section 1.2 for further information.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

8.1.1. Exposure Limit Values

Methyl kn	WEL 8-hr pp m: 50	WEL 8-hr lm g/m ³ : 208
	WEL 15 min limit ppm: 100	WEL 15 min limit mg/m ³ : 416
	WEL 8-hr lm g/m ³ total	WEL 15 min lm g/m ³ total
	inhalable dust: -	inhalable
	WEL 8-hr limit mg/m ³ total	dust: WEL 15 min limit mg/m ³
	respirable dust: -	total
		respirable dust:

8.2. Exposure controls



8.2. Exposure controls

8.2.2. Protection measures	Wear chemical protective clothing.
Eye / face	Approved safety goggles.
Skin Handprotection	Chemical resistant gloves (PVC). Butyl rubber
Skin - Other	
Respiratory	Wear suitable protective clothing. Wear suitable respiratory equipment when

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance	Liquid
Colour	Clear
Odour	Strong/Characteristic
Odour threshold	No data available
pH	No data available
Melting point	No data available
Freezing Point	-48 °C
Initial boiling	100 °C
Flash point	10 °C
Evaporation rate	No data available
Flammability (gas)	No data available
Upper Explosive	12.5 %
Lower Explosive	2.1 %
Vapour pressure	No data available
Vapour density	> 1 g/cm ³
Relative density	< 1 (H ₂ O = 1 @ 20 °C)
Fat Solubility	No data available
Partition	No data available
Autoignition	430 °C
Viscosity	1 mPas (Cone & Plate)
Explosive	No data available
Oxidising	No data available
Solubility	Slightly soluble in water

9.2. Other information

Conductivity	No data available
Surface tension	data available 0 %
Gas	0 %
Benzene Lead	0 g/l
VOC (Volatile compounds)	

SECTION 10: Stability and reactivity

10.1. Reactivity

	See section 10.2 for further information.
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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



10.4. Conditions to avoid

Heat, sparks and open flames.

10.5. Incompatible materials

Alkalis. Oxidising agents. Peroxides. Reducing Sulphur oxides.

10.6. Hazardous decomposition products

Will not decompose if stored and used as intended

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity	Oral Rat LD50 = >5,000mg/kg (Methyl Methacrylate)
Skin Serious eye damage/irritation	Irritating to skin. Irritating to eyes.
Respiratory or skin sensitisation	May cause sensitisation by skin contact.
Germ cell Mutagenicity	No mutagenic effects reported.
Reproductive	No carcinogenic effects reported.
Aspiration	No observed effect level. No teratogenic effects reported.
	No Significant Hazard.

11.1.4. Toxicological Information

Methyl Methacrylate	Dermal Rat LD50: >5,000mg/kg Dermal Rabbit LD50: >5,000mg/kg	Oral Rat LD50: >5,000mg/kg
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SECTION 12: Ecological information

12.1. Toxicity

Methyl Methacrylate	Daphnia 48h LC50: 69.0000 mg/l	Fish 96h LC50: 79.0000 mg/l
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12.2. Persistence and degradability

Readily biodegradable. OECD 301C, 14D.

12.3. Bioaccumulative potential

No observed effect level.

Partition coefficient

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12.4. Mobility in soil

Slightly soluble in water.

12.5. Results of PBT and vPvB assessment

PBT no. vPvB no.

12.6. Other adverse effects

No data is available on this product.

SECTION 13: Disposal considerations

General Disposal

08 01 11* waste paint and varnish containing solvents or other dangerous substances.

The generation of waste should be avoided or wherever possible. Significant quantities of waste product residues should not be disposed of via the foul sewer but processed in a suitable effluent treatment plant. Dispose of surplus and non-recyclable products via a licensed waste

Disposal methods

	disposal contractor. Disposal of this product, and any by products should at all times comply with the requirements of environmental protection and waste disposal legislation and any local authority requirements. Waste packaging should be recycled if possible. Incineration should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Care should be taken when handling emptied containers that have not been cleaned. Empty containers or liners may still contain residue. Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers.
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Disposal of packaging

	Residues and empty containers should be taken off as hazardous waste according to local and national provisions.
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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 ((Methyl Methacrylate))
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14.3. Transport hazard class(es)

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

14.4. Packing group

Packing group	II
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14.5. Environmental hazards

Environmental h	No
Marine h	No

14.6. Special precautions for user

	Not applicable.
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14.7. Transport in bulk according to ~~h~~ of MARPOL 73/78 and the IBC Code

	Not applicable.
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ADR/RID

Hazard ID	33
Tunnel h	(D/E)

EmS Code

TATA	F-E S-E
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Packing h (Cargo)	364
Maximum h	60 L
Packing h (Passenger)	353



IATA

Maximum quantity per inner container	5 L
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Further information

	The product is not classified as dangerous for transport.
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SECTION 15: Regulatory information

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

	<p>COMMISSION REGULATION (EU) No 453/2010 of 20 May 2010 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on 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.</p> <p>REGULATION (EC) No 1907/2006 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 18 December 2006 concerning the Registration, Evaluation 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.</p>
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15.2. Chemical safety assessment

	This product contains substances for which Safety Assessments are still required.
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SECTION 16: Other information

Other information

Text of risk phrases in Section 3	R11 - Highly flammable.
Text of Hazard phrases in Section 3	R37/38 - Irritating to eyes, respiratory system and skin. R43 - May cause sensitisation by skin contact.
	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.

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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The information provided is offered in good faith and is based on our current knowledge without guarantee of accuracy when properly stored, handled and applied under normal conditions in accordance with LRS recommendations. We do not accept responsibility for damage and claims arising from handling, transport, storage or disposal of the product. The information on this data sheet applies only to the product named above.

This does not constitute a guarantee or warranty for any specific product feature and shall not establish a legally contractual relationship.

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Tom Shone – Commercial Director