




Safety Data Sheet

Paro-Melt® Hot Melt Primer

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1	Product identifier	
	Product name:	Paro-Melt® Hot Melt Primer
	Product code:	153PM01
1.2	Use of the substance/mixture:	Sealing bituminous coating Professional use only.
1.3	Details of the supplier of the safety data sheet:	Moy Materials Ltd. Unit K, South City Business Park, Whitestown Way, Tallaght, Dublin 24, D24 PE83 Ireland
1.4	Emergency telephone:	+44 (0) 1473 724056 (8.00 am to 5.30 pm Monday to Friday). In the event of a medical enquiry relating to this product, please call your doctor or local hospital accident and emergency department.

SECTION 2: HAZARD IDENTIFICATION

2.1	Classification of the substance or mixture	
	In compliance with EC regulation No. 1272/2008 and its amendments.	
	Flammable liquid, Category 3 (Flam. Liq. 3, H226).	
	Acute dermal toxicity, Category 4 (Acute Tox. 4, H312).	
	Acute inhalation toxicity, Category 4 (Acute Tox. 4, H332).	
	Skin irritation, Category 2 (Skin Irrit. 2, H315).	
	Eye irritation, Category 2 (Eye Irrit. 2, H319).	
	Specific target organ toxicity (single exposure), Category 3 (STOT SE 3, H335).	
	Specific target organ toxicity (repeated exposure), Category 2 (STOT RE 2, H373).	
	This mixture does not present an environmental hazard. No known or foreseeable environmental damage under standard conditions of use.	
2.2	Label Elements	
	In compliance with EC regulation No. 1272/2008 and its amendments.	
	Hazard pictograms:	
	  	
	GHS07 GHS08 GHS02	
	Signal Word:	
	WARNING	
	Product identifiers:	

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EC 215-535-7	XYLENE	
Hazard statements:		
H226	Flammable liquid and vapour.	
H312 + H332	Harmful in contact with skin or if inhaled.	
H315	Causes skin irritation.	
H319	Causes serious eye irritation.	
H335	May cause respiratory irritation.	
H373	May cause damage to organs through prolonged or repeated exposure (if inhaled, if swallowed, in contact with skin).	
Precautionary statements - Prevention:		
P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.	
P240	Ground/bond container and receiving equipment.	
P241	Use explosion-proof electrical equipment.	
P242	Use only non-sparking tools.	
P260	Do not breathe vapours.	
P264	Wash hands thoroughly after handling.	
P271	Use only outdoors or in a well-ventilated area.	
P280	Wear protective gloves/protective clothing/eye protection/face protection	
P302 + P352	IF ON SKIN: Wash with plenty of soap and water.	
P304 + P340	IF INHALED: Remove person to fresh air and keep comfortable for breathing.	
P305 + P351 + P338	Remove contact lenses, if present and easy to do. Continue rinsing.	
P271	Use only outdoors or in a well-ventilated area.	
P314	Get medical advice/attention if you feel unwell.	
P332 + P313	If skin irritation occurs: Get medical advice/attention.	
P337 + P313	If eye irritation persists: Get medical advice/attention.	
P362 + P364	Take off contaminated clothing and wash it before reuse.	
P370 + P378	In case of fire: Use dry powder for extinction	
Precautionary statements - Storage:		
P403 + P233	Store in a well-ventilated place. Keep container tightly closed.	
Precautionary statements - Disposal:		

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	P501	Dispose of contents/container to an approved site as a hazardous material.	
2.3	Other hazards		
	The mixture does not contain substances classified as 'Substances of Very High Concern' (SVHC) >= 0.1% published by the European Chemicals Agency (ECHA) under article 57 of REACH: https://echa.europa.eu/home candidate-list-table		
	The mixture fulfils neither the PBT nor the vPvB criteria for mixtures in accordance with annexe XIII of the REACH regulations EC 1907/2006.		

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.2	Mixtures																		
	Some substances are in composition because they have VLEP by inhalation:	-CAS: 232-490-9 BITUMEN																	
	However, they are safe in this mixture because the VLEP concern hot bitumen vapors. This product is not affected by this hazard.																		
	Composition:																		
	<table border="1"> <thead> <tr> <th>Identification</th><th>(EC) 1272/2008</th><th>Note</th><th>%</th></tr> </thead> <tbody> <tr> <td>CAS: 8052-42-4 EC: 232-490-9 REACH: 01-2119480172-44 BITUMEN</td><td></td><td>[1]</td><td>50 <= x % < 100</td></tr> <tr> <td>CAS: 1330-20-7 EC: 215-535-7 REACH: 01-2119488216- XYLENE</td><td>GHS07, GHS08, GHS02 Dgr Flam. Liq. 3, H226 Asp. Tox. 1, H304 Acute Tox. 4, H312 Skin Irrit. 2, H315 Eye Irrit. 2, H319 Acute Tox. 4, H332 STOT SE 3, H335 STOT RE 2, H373</td><td>C [1]</td><td>25 <= x % < 50</td></tr> <tr> <td>CAS: 100-41-4 EC: 202-849-4 ETHYLBENZENE</td><td>GHS02, GHS07 Dgr Flam. Liq. 2, H225 Acute Tox. 4, H332</td><td>[1]</td><td>2.5 <= x % < 10</td></tr> </tbody> </table> <p>(Full text of H-phrases: see section 16)</p> <p>Information on ingredients: Substance for which maximum workplace exposure limits are available.</p>			Identification	(EC) 1272/2008	Note	%	CAS: 8052-42-4 EC: 232-490-9 REACH: 01-2119480172-44 BITUMEN		[1]	50 <= x % < 100	CAS: 1330-20-7 EC: 215-535-7 REACH: 01-2119488216- XYLENE	GHS07, GHS08, GHS02 Dgr Flam. Liq. 3, H226 Asp. Tox. 1, H304 Acute Tox. 4, H312 Skin Irrit. 2, H315 Eye Irrit. 2, H319 Acute Tox. 4, H332 STOT SE 3, H335 STOT RE 2, H373	C [1]	25 <= x % < 50	CAS: 100-41-4 EC: 202-849-4 ETHYLBENZENE	GHS02, GHS07 Dgr Flam. Liq. 2, H225 Acute Tox. 4, H332	[1]	2.5 <= x % < 10
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SECTION 4: FIRST AID MEASURES

	As a general rule, in case of doubt or if symptoms persist, always call a doctor. NEVER induce swallowing by an unconscious person.		
4.1	Description of first aid measures		
	In the event of exposure by inhalation:	In the event of massive inhalation, remove the person exposed to fresh air. Keep warm and at rest. If the person is unconscious, place in	

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		<p>recovery position. Notify a doctor in all events, to ascertain whether observation and supportive hospital care will be necessary.</p> <p>If breathing is irregular or has stopped, effect mouth-to-mouth resuscitation and call a doctor.</p> <p>Do not proceed with mouth-to-mouth or mouth-to-nose resuscitation. Use the appropriate equipment.</p>	
	In the event of splashes or contact with eyes:	Wash thoroughly with fresh, clean water for 15 minutes holding the eyelids open. Refer the patient to an ophthalmologist, especially if there is any redness, pain or visual impairment.	
	In the event of splashes or contact with skin:	<p>Remove contaminated clothing and wash the skin thoroughly with soap and water or a recognised cleaner. Remove any soiled or splashed clothing immediately.</p> <p>Watch out for any remaining product between skin and clothing, watches, shoes, etc.</p> <p>If the contaminated area is widespread and/or there is damage to the skin, a doctor must be consulted or the patient transferred to hospital. DO NOT use solvents or diluents.</p>	
	In the event of swallowing:	Do not give the patient anything orally. Keep the person exposed at rest. Do not force vomiting. Seek medical attention immediately, showing the label.	
4.2	Most important symptoms and effects, both acute and delayed	No data available.	
4.3	Indication of any immediate medical attention and special treatment needed	No data available.	

SECTION 5: FIREFIGHTING MEASURES

	Flammable		
	Chemical powders, carbon dioxide and other extinguishing gas are suitable for small fires.		
5.1	Extinguishing media	Keep packages near the fire cool, to prevent pressurised containers from bursting.	
	Suitable extinguishing media	<p>In the event of a fire, use:</p> <p>water with AFFF (Aqueous Film Forming Foam) additive foam</p> <p>multipurpose ABC powder</p> <p>Prevent the effluent of fire-fighting measures from entering drains or waterways</p>	
	Unsuitable extinguishing media	In the event of a fire, do not use: water	

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		jet water	
5.2	Special hazards arising from the substance or mixture	A fire will often produce a thick black smoke. Exposure to decomposition products may be hazardous to health. Do not breathe in smoke. In the event of a fire, the following may be formed:	
		carbon monoxide (CO)	
		carbon dioxide (CO ₂)	
5.3	Advice for firefighters	Fire-fighting personnel are to be equipped with autonomous insulating breathing apparatus.	

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1	Personal precautions, protective equipment and emergency procedures	Consult the safety measures listed under headings 7 and 8.	
	For non first aid worker		
		Because of the organic solvents contained in the mixture, eliminate sources of ignition and ventilate the area.	
		Avoid inhaling the vapours.	
		Avoid any contact with the skin and eyes.	
		If a large quantity has been spilt, evacuate all personnel and only allow intervention by trained operators equipped with safety apparatus.	
	For first aid worker		
		First aid workers will be equipped with suitable personal protective equipment (See section 8).	
6.2	Environmental precautions	Contain and control the leaks or spills with non-combustible absorbent materials such as sand, earth, vermiculite, diatomaceous earth in drums for waste disposal.	
		Prevent any material from entering drains or waterways.	
		If the product contaminates waterways, rivers or drains, alert the relevant authorities in accordance with statutory procedures. Use drums to dispose of collected waste in compliance with current regulations.	
		Do not discard rinsing agents down the drain.	
6.3	Methods and material for containment and cleaning up	Clean preferably with a detergent, do not use solvents.	
6.4	Reference to other sections	Refer to section 13 for waste disposal rules	

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SECTION 7: HANDLING AND STORAGE

	Requirements relating to storage premises apply to all facilities where the mixture is handled.		
7.1	Precautions for safe handling	Always wash hands after handling.	
		Remove and wash contaminated clothing before re-using.	
		Ensure that there is adequate ventilation, especially in confined areas.	
	Fire prevention:	Handle in well-ventilated areas.	
		Vapours are heavier than air. They can spread along the ground and form mixtures that are explosive with air. Prevent the formation of flammable or explosive concentrations in air and avoid vapour concentrations higher than the occupational exposure limits.	
		Prevent the accumulation of electrostatic charges with connections to earth.	
		The mixture can become electrostatically charged: always earth during decanting operations. Wear antistatic shoes and clothing and floors should be electrically conductive.	
		Use the mixture in premises free of naked flames or other sources of ignition and ensure that electrical equipment is suitably protected. Keep packages tightly closed and away from sources of heat, sparks and naked flames.	
		Do not use tools which may produce sparks.	
		Do not smoke.	
		Prevent access by unauthorised personnel.	
	Recommended equipment and procedures:	For personal protection, see section 8.	
		Observe precautions stated on label and also industrial safety regulations.	
		Avoid inhaling vapours. Carry out any industrial operation which may give rise to this in a sealed apparatus. Provide vapour extraction at the emission source and also general ventilation of the premises.	
		Also provide breathing apparatus for certain short tasks of an exceptional nature and for emergency interventions. In all cases, recover emissions at source.	
		Avoid skin and eye contact with this mixture.	
		Avoid exposure - obtain special instructions before use.	

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		Packages which have been opened must be reclosed carefully and stored in an upright position.	
	Prohibited equipment and procedures:	No smoking, eating or drinking in areas where the mixture is used.	
7.2	Conditions for safe storage, including any incompatibilities	No data available.	
	Storage	Keep the container tightly closed in a dry, well-ventilated place	
		Keep away from all sources of ignition - do not smoke.	
		Keep well away from all sources of ignition, heat and direct sunlight.	
		Avoid accumulation of electrostatic charges.	
		The floor must be impermeable and form a collecting basin so that, in the event of an accidental spillage, the liquid cannot spread beyond this area.	
	Packaging	Always keep in packaging made of an identical material to the original.	
	Recommended types of packaging:	Vats	
		Drums	
	Suitable packaging materials:	Metal	
	Unsuitable packaging materials:	Plastic	
7.3	Specific end use(s)	No data available.	

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1	Control parameters																										
	Occupational exposure limits: European Union (2017/2398, 2017/164, 2009/161, 2006/15/CE, 2000/39/CE, 98/24/CE):																										
	<table><tr><th>CAS</th><th>VME-mg/m³</th><th>VME-ppm</th><th>VLE-mg/m³</th><th>VLE-ppm</th><th>Notes</th></tr><tr><td>1330-20-7</td><td>221</td><td>50</td><td>442</td><td>100</td><td>Skin</td></tr><tr><td>100-41-4</td><td>442</td><td>100</td><td>884</td><td>200</td><td>Skin</td></tr></table>	CAS	VME-mg/m³	VME-ppm	VLE-mg/m³	VLE-ppm	Notes	1330-20-7	221	50	442	100	Skin	100-41-4	442	100	884	200	Skin								
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	Germany - AGW (BAuA - TRGS 900, 29/01/2018):																										

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CAS	VME	VME	Excess	Notes
1330-20-7		100 ppm 440 mg/m ³		2(II)
100-41-4		20 ppm 88 mg/m ³		2(II)

France (INRS - ED984:2016):

CAS	VME-ppm	VME-mg/m ³	VLE-ppm	VLE-mg/m ³	Notes	TMP No
1330-20-7	50	221	100	442	*	4 Bis, 84, *
100-41-4	20	88.4	100	442	*	84

UK / WEL (Workplace exposure limits, EH40/2005, 2011):

CAS	TWA	STEL	Ceiling	Definition	Criteria
8052-42-4	-ppm 5 mg/m ³	-ppm 10 mg/m ³			
1330-20-7	50 ppm 220 mg/m ³	100 ppm 441 mg/m ³		Sk, BMGV	
100-41-4	100 ppm 441 mg/m ³	125 ppm 552 mg/m ³		Sk	

Derived no effect level (DNEL) or derived minimum effect level (DMEL):

ETHYLBENZENE (CAS: 100-41-4)

Final use:**Workers.**

Exposure method:

Dermal contact.

Potential health effects:

Long term systemic effects.

DNEL:

180 mg/kg body weight/day

Exposure method:

Inhalation.

Potential health effects:

Short term systemic effects.

DNEL:

289 mg of substance/m³

Exposure method:

Inhalation.

Potential health effects:

Short term local effects.

DNEL:

289 mg of substance/m³

Exposure method:

Inhalation.

Potential health effects:

Long term systemic effects.

DNEL:

77 mg of substance/m³

Exposure method:

Inhalation.

Potential health effects:

Long term systemic effects.

DNEL:

77 mg of substance/m³**Final use:****Workers.**

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Exposure method:	Ingestion.	
Potential health effects:	Long term systemic effects.	
DNEL:	1.6 mg/kg body weight/day	
Exposure method:	Dermal contact.	
Potential health effects:	Long term systemic effects.	
DNEL:	108 mg/kg body weight/day	
Exposure method:	Inhalation.	
Potential health effects:	Short term systemic effects.	
DNEL:	174 mg of substance/m ³	
Exposure method:	Inhalation.	
Potential health effects:	Short term local effects.	
DNEL:	174 mg of substance/m ³	
Exposure method:	Inhalation.	
Potential health effects:	Long term systemic effects.	
DNEL:	14.8 mg of substance/m ³	
XYLENE (CAS: 1330-20-7)		
Final use:	Workers.	
Exposure method:	Dermal contact.	
Potential health effects:	Long term systemic effects.	
DNEL:	180 mg/kg body weight/day	
Exposure method:	Inhalation.	
Potential health effects:	Short term systemic effects.	
DNEL:	289 mg of substance/m ³	
Exposure method:	Inhalation.	
Potential health effects:	Short term local effects.	
DNEL:	289 mg of substance/m ³	
Exposure method:	Inhalation.	
Potential health effects:	Long term systemic effects.	
DNEL:	77 mg of substance/m ³	
Final use:	Workers.	
Exposure method:	Ingestion.	
Potential health effects:	Long term systemic effects.	
DNEL:	1.6 mg/kg body weight/day	
Exposure method:	Dermal contact.	
Potential health effects:	Long term systemic effects.	
DNEL:	108 mg/kg body weight/day	
Exposure method:	Inhalation.	
Potential health effects:	Short term systemic effects.	
DNEL:	174 mg of substance/m ³	

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	Exposure method:	Inhalation.	
	Potential health effects:	Short term local effects.	
	DNEL:	174 mg of substance/m ³	
	Exposure method:	Inhalation.	
	Potential health effects:	Long term systemic effects.	
	DNEL:	14.8 mg of substance/m ³	
	BITUMEN (CAS: 8052-42-4)		
	Final use:	Workers.	
	Exposure method:	Inhalation.	
	Potential health effects:	Long term local effects.	
	DNEL:	2.9 mg of substance/m ³	
	Predicted no effect concentration (PNEC):		
	XYLENE (CAS: 1330-20-7)		
	Environmental compartment:	Soil.	
	PNEC:	2.31 mg/kg	
	Environmental compartment:	Fresh water.	
	PNEC:	0.327 mg/l	
	Environmental compartment:	Sea water.	
	PNEC:	0.327 mg/l	
	Environmental compartment:	Intermittent waste water.	
	PNEC:	0.327 mg/l	
	Environmental compartment:	Fresh water sediment.	
	PNEC:	12.46 mg/kg	
	Environmental compartment:	Marine sediment.	
	PNEC:	12.46 mg/kg	
	Environmental compartment:	Waste water treatment plant.	
	PNEC:	6.58 mg/l	
8.2	Exposure controls		
	Personal protection measures, such as personal protective equipment		
	Pictogram(s) indicating the obligation of wearing personal protective equipment (PPE):		
			
	Use personal protective equipment that is clean and has been properly maintained. Store personal protective equipment in a clean place, away from the work area.		
	Never eat, drink or smoke during use. Remove and wash contaminated clothing before re-using. Ensure that there is adequate ventilation, especially in confined areas.		
	Eye / face protection	Avoid contact with eyes.	
		Use eye protectors designed to protect	

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		against liquid splashes	
		Before handling, wear safety goggles with protective sides accordance with standard EN166. In the event of high danger, protect the face with a face shield.	
		Prescription glasses are not considered as protection.	
		Individuals wearing contact lenses should wear prescription glasses during work where they may be exposed to irritant vapours.	
	Hand protection	Use suitable protective gloves that are resistant to chemical agents in accordance with standard EN374.	
		Gloves must be selected according to the application and duration of use at the workstation.	
		Protective gloves need to be selected according to their suitability for the workstation in question:	
		other chemical products that may be handled, necessary physical protections (cutting, pricking, heat protection), level of dexterity required.	
	Type of gloves recommended:	Butyl Rubber (Isobutylene-isoprenecopolymer)	
	Recommended properties:	Impervious gloves in accordance with standard EN374	
	Body protection	Avoid skin contact.	
		Wear suitable protective clothing.	
	Suitable type of protective clothing:	In the event of substantial spatter, wear liquid-tight protective clothing against chemical risks (type 3) in accordance with EN14605 to prevent skin contact.	
		In the event of a risk of splashing, wear protective clothing against chemical risks (type 6) in accordance with EN13034 to prevent skin contact.	
		Wear suitable protective clothing, in particular overalls and boots. These items must be kept in good condition and cleaned after use. Work clothing worn by personnel shall be laundered regularly.	
		After contact with the product, all parts of the body that have been soiled must be washed.	
	Respiratory protection	Avoid breathing vapours.	
		If the ventilation is insufficient, wear appropriate breathing apparatus.	
		When workers are confronted with concentrations that are above	

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		occupational exposure limits, they must wear a suitable, approved, respiratory protection device.	
	Type of FFP mask:	Wear a disposable half-mask aerosol filter in accordance with standard	
	EN149. Category:	FFP2	
	Anti-gas and vapour filter(s) (Combined filters) in accordance with standard EN14387:	A2 (Brown)	
		Use an anti-spray filter FFP2 (white) if product application is realized with a manual gun	

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1	Information on basic physical and chemical properties		
	General information:		
	Physical state:	Viscous liquid.	
	Important health, safety and environmental information		
	pH:	Not relevant.	
	Boiling point/boiling range:	Not specified.	
	Flash Point:	28.00 °C.	
	Explosive properties, lower explosivity limit (%):	1	
	Explosive properties, upper explosivity limit (%):	7	
	Vapour pressure (50°C):	Below 110 kPa (1.10 bar).	
	Density:	0.94 g/cm ³	
	Water solubility:	Insoluble.	
	Viscosity:	Coupe ISO 6 (à 23°C) = 18s	
	Melting point/melting range:	Not specified.	
	Self-ignition temperature:	Not specified.	
	Decomposition point/decomposition range:	Not specified.	
9.2	Other information:		
	VOC (g/l):	446	

SECTION 10: STABILITY AND REACTIVITY

10.1	Reactivity	No data available.	
10.2	Chemical stability	This mixture is stable under the recommended handling and storage conditions in section 7.	
10.3	Possibility of hazardous reactions	When exposed to high temperatures, the mixture can release hazardous decomposition products, such as carbon monoxide and dioxide, fumes and nitrogen oxide.	
10.4	Conditions to avoid	Any apparatus likely to produce a flame or to have a metallic surface at high temperature (burners, electric arcs, furnaces etc.) must not be allowed on the premises. Avoid: accumulation of electrostatic charges.	

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		heating heat flames and hot surfaces	
10.5	Incompatible materials	No data available.	
10.6	Hazardous decomposition products	The thermal decomposition may release/form: carbon monoxide (CO) carbon dioxide (CO ₂)	

SECTION 11: TOXICOLOGICAL INFORMATION

11.1	Information on toxicological effects		
	Exposure to vapours from solvents in the mixture in excess of the stated occupational exposure limit may result in adverse health effects such as mucous membrane and respiratory system irritation and adverse effects on kidney, liver and central nervous system.		
	Symptoms produced will include headaches, numbness, dizziness, fatigue, muscular asthenia and, in extreme cases, loss of consciousness.		
	Harmful in contact with skin.		
	Harmful by inhalation.		
	May cause irreversible damage to the skin; namely inflammation of the skin or the formation of erythema and eschar or oedema following exposure up to four hours.		
	Repeated or prolonged contact with the mixture may cause removal of natural oil from the skin resulting in non-allergic contact dermatitis and absorption through the skin.		
	May have reversible effects on the eyes, such as eye irritation which is totally reversible by the end of observation at 21 days. Splashes in the eyes may cause irritation and reversible damage		
	Respiratory tract irritation may occur, together with symptoms such as coughing, choking and breathing difficulties. May cause severe damage to organs in the event of repeated or prolonged exposure.		
11.1.1	Substances Acute toxicity:		
	XYLENE (CAS: 1330-20-7)		
	Oral route:	LD50 = 3523 mg/kg	
	BITUMEN (CAS: 8052-42-4)		
	Oral route:	LD50 > 5000 mg/kg	
		Species: Rat	
	Dermal route:	LD50 > 2000 mg/kg	
		Species: Rabbit	
	Inhalation route (Vapours):	LC50 > 94.4 mg/l	
		Species: Rat	
	Specific target organ systemic toxicity - repeated exposure:		
	XYLENE (CAS: 1330-20-7)		
	Oral route:	50 < C ≤ 100 mg/kg body weight/day	
		Duration of exposure: 90 days	
	Dermal route:	100 < C ≤ 200 mg/kg body weight/day	

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		Duration of exposure: 90 days	
	Inhalation route (Vapours):	0.2 < C ≤ 0.25 mg/l/6hrs/day	
		Duration of exposure: 90 days	
11.1.2	Mixture		
	Acute toxicity:		
	Dermal route:	Harmful in contact with skin.	
		1,000 < LD50 ≤ 2000 mg/kg	
	Inhalation route (Vapours):	Harmful by inhalation.	
		Duration of exposure: 4 h	
		10 < LC50 ≤ 20 mg/l	
	Monograph(s) from the IARC (International Agency for Research on Cancer):		
	CAS 100-41-4: IARC Group 2B:	The agent is possibly carcinogenic to humans.	
	CAS 1330-20-7: IARC Group 3:	The agent is not classifiable as to its carcinogenicity to humans.	

SECTION 12: ECOLOGICAL INFORMATION

12.1	Toxicity		
12.1.1	Substances		
	XYLENE (CAS: 1330-20-7)		
	Algae toxicity:	ECr50 = 2.2 mg/l	
		Species: Selenastrum capricornutum	
		Duration of exposure: 72 h	
		OECD Guideline 201 (Alga, Growth Inhibition Test)	
	BITUMEN (CAS: 8052-42-4)		
	Fish toxicity:	NOEC ≥ 1000 mg/l	
		Duration of exposure: 21 days	
12.1.2	Mixtures		
	No aquatic toxicity data available for the mixture.		
12.2	Persistence and degradability		
12.2.1	Substances		
	XYLENE (CAS: 1330-20-7)		
	Biodegradability:	Rapidly degradable.	
	BITUMEN (CAS: 8052-42-4)		
	Biodegradability:	no degradability data is available, the substance is considered as not degrading quickly.	
12.3	Bioaccumulative potential	No data available.	
12.4	Mobility in soil	No data available.	
12.5	Results of PBT and vPvB assessment	No data available.	
12.6	Other adverse effects	No data available.	

SECTION 13: DISPOSAL CONSIDERATIONS


	Proper waste management of the mixture and/or its container must be determined in accordance with Directive 2008/98/EC.	
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13.1	Waste treatment methods	
	Do not pour into drains or waterways	
	Waste:	
	Waste management is carried out without endangering human health, without harming the environment and, in particular without risk to water, air, soil, plants or animals.	
	Recycle or dispose of waste in compliance with current legislation, preferably via a certified collector or company. Do not contaminate the ground or water with waste, do not dispose of waste into the environment.	
	Do not eliminate with household waste.	
	Do not discard rinsing agents down the drain.	
	Soiled packaging:	
	Empty container completely. Keep label(s) on container.	
	Codes of wastes (Decision 2001/573/EC, Directive 2006/12/EEC, Directive 94/31/EEC on hazardous waste):	
	15 01 10 * packaging containing residues of or contaminated by dangerous substances	
	08 04 09 * waste adhesives and sealants containing organic solvents or other dangerous substances	

SECTION 14: TRANSPORT INFORMATION

Transport product in compliance with provisions of the ADR for road, RID for rail, IMDG for sea and ICAO/IATA for air transport (ADR 2015 - IMDG 2014 - ICAO/IATA 2015).		
14.1	UN number	1263
14.2	UN proper shipping name	UN1263=PAINT (including paint, lacquer, enamel, stain, shellac, varnish, polish, liquid filler and liquid lacquer base) or PAINT RELATED MATERIAL (including paint thinning and reducing compound)
14.3	Transport hazard class(es)	
	Classification:	
	 3	
14.4	Packing group	III
14.5	Environmental hazards	-
14.6	Special precautions for user	

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ADR/RID	Class	Code	Pack gr.	Label	Ident.	LQ	Provis.	EQ	Cat.	Tunnel
	3	F1	III	3	30	5 L	163 367 640E 650	E1	3	D/E

IMDG	Class	2°Label	Pack gr.	LQ	EMS	Provis.	EQ
	3	-	III	5 L	F-E,S-E	163 223 367 955	E1

IATA	Class	2°Label	Pack gr.	Passager	Passager	Cargo	Cargo	note	EQ
	3	-	III	355	60 L	366	220 L	A3 A72 A192	E1
	3	-	III	Y344	10 L	-	-	A3 A72 A192	E1

14.7	Transport in bulk according to Annex II of Marpol and the IBC Code	No data available.
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SECTION 15: REGULATORY INFORMATION

15.1	Safety, health and environmental regulations/legislation specific for the substance or mixture	
	Classification and labelling information included in section 2:	
	The following regulations have been used:	EU Regulation No. 1272/2008 amended by EU Regulation No. 487/2013.
		EU Regulation No. 1272/2008 amended by EU Regulation No. 758/2013
		EU Regulation No. 1272/2008 amended by EU Regulation No. 944/2013
		EU Regulation No. 1272/2008 amended by EU Regulation No. 605/2014.
		EU Regulation No. 1272/2008 amended by EU Regulation No. 1297/2014.
	Container information:	No data available.
	Particular provisions:	No data available.
15.2	Chemical safety assessment	No data available.

SECTION 16: OTHER INFORMATION

	Since the user's working conditions are not known by us, the information supplied on this safety data sheet is based on our current level of knowledge and on national and community regulations.	
	The mixture must not be used for other uses than those specified in section 1 without having first obtained written handling instructions. It is at all times the responsibility of the user to take all necessary measures to comply with legal requirements and local regulations.	
	The information in this safety data sheet must be regarded as a description of the safety requirements relating to the mixture and not as a guarantee of the properties thereof.	

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Wording of the phrases mentioned in section 3:		
H225	Highly flammable liquid and vapour.	
H226	Flammable liquid and vapour.	
H304	May be fatal if swallowed and enters airways.	
H312	Harmful in contact with skin.	
H312 + H332	Harmful in contact with skin or if inhaled.	
H315	Causes skin irritation.	
H319	Causes serious eye irritation.	
H332	Harmful if inhaled.	
H335	May cause respiratory irritation.	
H373	May cause damage to organs through prolonged or repeated exposure.	
H340	May cause genetic defects	
Abbreviations:		
DNEL:	Derived No Effect Level	
PNEC:	Predicted No Effect Concentration	
ADR:	Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)	
IMDG:	International Maritime Code for Dangerous Goods	
IATA:	International Air Transport Association	
ICAO:	International Civil Aviation Organization	
RID:	Regulations concerning the International carriage of Dangerous goods by rail.	
WGK:	Wassergefährdungsklasse (Water Hazard Class).	
GHS02:	Flame	
GHS07:	Exclamation mark	
GHS08:	Health hazard	
PBT:	Persistent, bioaccumulable and toxic	
vPvB:	Very persistent, very bioaccumulable	
SVHC:	Substance of Very High Concern	

Last update date (Manufacturer)

May 2022

Moy Materials Ltd, prepared by

Martin Bidewell

The data contained in this document is correct on date of issue and complete to the best of our knowledge as it applies to this product. However, it does not constitute a guarantee for any specific product features and does not establish a legally valid contractual relationship. The information given does not represent an assurance and it is the user's responsibility to ensure that the information is suitable and complete for the respective use.