


## Safety Data Sheet MemBond TPO Membrane Adhesive

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

<b>1.1</b>	<b><u>Product Identifier</u></b>		
	<b>Product name</b>	MemBond TPO Membrane Adhesive	
	<b>UFI</b>	UFI: NGVA-G0WJ-500G-QNXM	
<b>1.2</b>	<b><u>Relevant identified uses of the substance or mixture and uses advised against</u></b>		
	<b>Identified uses</b>	Adhesive	
	<b>Uses advised against</b>	No specific uses advised against are identified	
<b>1.3</b>	<b><u>Details of the supplier of the safety data sheet</u></b>	Moy Materials Ltd. Columbia Mills, 14/15 Sir John Rogerson's Quay, Dublin 2, D02 E409 Ireland <a href="mailto:info@moy.group">info@moy.group</a>	
<b>1.4</b>	<b><u>Emergency telephone number</u></b>	+44 (0) 1827 69662 (NOT 24hrs – 8am – 5pm Mon-Fri)	

### SECTION 2: HAZARD IDENTIFICATION

<b>2.1</b>	<b><u>Classification of the substance or mixture</u></b>		
	<b><u>Classification (SI 2019 No. 720)</u></b>		
	<b>Physical hazards</b>	Flam. Liq. 2 - H225	
	<b>Health hazards</b>	Skin Irrit. 2 - H315 Eye Irrit. 2 - H319 STOT SE 3 - H336	
	<b>Environmental hazards</b>	Aquatic Chronic 2 - H411	
	<b>Physicochemical</b>	The product is highly flammable. Vapours may form explosive mixtures with air. Vapours are heavier than air and may travel along the floor and accumulate in the bottom of containers. Vapours may be ignited by a spark, a hot surface or an ember.	
<b>2.2</b>	<b><u>Label elements</u></b>		
	<b>Hazard pictograms</b>		
			
	<b>Signal word</b>	Danger	
	<b>Hazard statements</b>	H225 Highly flammable liquid and vapour. H315 Causes skin irritation. H319 Causes serious eye irritation. H336 May cause drowsiness or dizziness. H411 Toxic to aquatic life with long lasting effects.	
	<b>Precautionary statements</b>	P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. P260 Do not breathe dust/ fume/ gas/ mist/ vapours/ spray. P271 Use only outdoors or in a well-ventilated area. P273 Avoid release to the environment. P280 Wear protective gloves/ protective clothing/ eye protection/ face protection. P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to	

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		do. Continue rinsing.
		P313 Get medical advice/ attention.
		P501 Dispose of contents/ container in accordance with national regulations.
		As from 24 August 2023, adequate training is required before industrial or professional use.
	<b>Contains</b>	hydrocarbons, C6-C7,n-alkanes, isoalkanes, cyclics, <5% n-hexane, Ethyl acetate
<b>2.3</b>	<b>Other hazards</b>	
	This product does not contain any substances classified as PBT or vPvB.	

### SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

<b>3.2</b>	<b>Mixtures</b>	
	<p><b>hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, &lt;5% n-hexane</b> <span style="float: right;"><b>30-60%</b></span></p> <p>CAS number: -      EC number: 921-024-6</p>	
	<p><b>Classification</b></p> <p>Flam. Liq. 2 - H225 Skin Irrit. 2 - H315 STOT SE 3 - H336 Asp. Tox. 1 - H304 Aquatic Chronic 2 - H411</p>	
	<p><b>Ethyl acetate</b> <span style="float: right;"><b>10-30%</b></span></p> <p>CAS number: 141-78-6      EC number: 205-500-4</p>	
	<p><b>Classification</b></p> <p>Flam. Liq. 2 - H225 Eye Irrit. 2 - H319 STOT SE 3 - H336</p>	

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<b>HEXANE-norm</b> <span style="float: right;">&lt;1%</span>
CAS number: 110-54-3      EC number: 203-777-6
<b>Classification</b> Flam. Liq. 2 - H225 Skin Irrit. 2 - H315 Repr. 2 – H361f STOT SE 3 - H336 STOT RE 2 - H373 Asp. Tox. 1 - H304 Aquatic Chronic 2 - H411
<b>ZBED (ZINC DIBENZYL DITHIOCARBAMATE)</b> <span style="float: right;">&lt;1%</span>
CAS number: 14726-36-4      EC number: 38-778-0
M factor (Acute) = 1      M factor (Chronic) = 1
<b>Classification</b> Aquatic Acute 1 - H400 Aquatic Chronic 1 - H410
The full text for all hazard statements is displayed in Section 16.

### SECTION 4: FIRST AID MEASURES

	Description of first aid measures
<b>4.1</b>	<b>General information</b>
	<b>Inhalation</b>
	<b>Ingestion</b>
	<b>Skin contact</b>
	<b>Eye contact</b>
<b>4.2</b>	<b>Most important symptoms and effects, both acute and delayed</b>
	<b>General information</b>
	<b>Inhalation</b>
	<b>Ingestion</b>
	<b>Skin contact</b>
	<b>Eye contact</b>
<b>4.3</b>	<b>Indication of any immediate medical attention and special treatment needed</b>
	<b>Notes for the doctor</b>

### SECTION 5: FIREFIGHTING MEASURES

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<b>5.1</b>	<b><u>Extinguishing media</u></b>	
	<b>Suitable extinguishing media</b>	Use fire-extinguishing media suitable for the surrounding fire. Extinguish with alcohol-resistant foam, carbon dioxide or dry powder.
	<b>Unsuitable extinguishing media</b>	Do not use water jet as an extinguisher, as this will spread the fire.
<b>5.2</b>	<b><u>Special hazards arising from the substance or mixture</u></b>	
	<b>Specific hazards</b>	The product is flammable. Heating may generate flammable vapours. Protection against nuisance dust must be used when the airborne concentration exceeds 10 mg/m <sup>3</sup> . The product is highly flammable.
	<b>Hazardous combustion products</b>	Does not decompose when used and stored as recommended.
<b>5.3</b>	<b><u>Advice for firefighters</u></b>	
	<b>Protective actions during firefighting</b>	Control run-off water by containing and keeping it out of sewers and watercourses. Avoid breathing fire gases or vapours. Keep up-wind to avoid fumes.
	<b>Special protective equipment for firefighters</b>	Wear chemical protective suit.

### SECTION 6: ACCIDENTAL RELEASE MEASURES

<b>6.1</b>	<b><u>Personal precautions, protective equipment and emergency procedures</u></b>	
	<b>Personal precautions</b>	Wear protective clothing as described in Section 8 of this safety data sheet.
<b>6.2</b>	<b><u>Environmental precautions</u></b>	
	<b>Environmental precautions</b>	Spillages or uncontrolled discharges into watercourses must be reported immediately to the Environmental Agency or other appropriate regulatory body. Do not discharge into drains or watercourses or onto the ground.
<b>6.3</b>	<b><u>Methods and material for containment and cleaning up</u></b>	
	<b>Methods for cleaning up</b>	Eliminate all sources of ignition. No smoking, sparks, flames or other sources of ignition near spillage. Provide adequate ventilation. Absorb in vermiculite, dry sand or earth and place into containers.
<b>6.4</b>	<b><u>Reference to other sections</u></b>	
	<b>Reference to other sections</b>	Wear protective clothing as described in Section 8 of this safety data sheet. For waste disposal, see section 13.

### SECTION 7: HANDLING AND STORAGE

<b>7.1</b>	<b><u>Precautions for safe handling</u></b>	
	<b>Usage precautions</b>	Keep away from heat, sparks and open flame. Static electricity and formation of sparks must be prevented. Good personal hygiene procedures should be implemented. Wash hands and

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		any other contaminated areas of the body with soap and water before leaving the work site.
<b>7.2</b>	<b>Conditions for safe storage, including any incompatibilities</b>	
	<b>Storage precautions</b>	Keep away from heat, sparks and open flame. Keep container tightly closed. Keep only in the original container.
	<b>Storage class</b>	Flammable liquid storage.
<b>7.3</b>	<b>Specific end use(s)</b>	
	<b>Specific end use(s)</b>	The identified uses for this product are detailed in Section 1.2.

### SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

<b>8.1</b>	<b>Control parameters</b>	
	<b>Occupational exposure limits</b>	
	<b>Ethyl acetate</b>	
	Long-term exposure limit (8-hour TWA): WEL 200 ppm	
	Short-term exposure limit (15-minute): WEL 400 ppm	
	<b>HEXANE-norm</b>	
	Long-term exposure limit (8-hour TWA): WEL 20 ppm 72 mg/m <sup>3</sup>	
	WEL = Workplace Exposure Limits	
	<b>Ingredient comments</b>	WEL = Workplace Exposure Limits
		<b><u>hydrocarbons, C6-C7,n-alkanes, isoalkanes, cyclics, &lt;5% n-hexane</u></b>
	<b>Ingredient comments</b>	WEL = Workplace Exposure Limits
	<b>DNEL</b>	Consumer - Oral; Long term systemic effects: 699 mg/kg bw/day Consumer - Dermal; Long term systemic effects: 699 mg/kg bw/day Workers - Dermal; Long term systemic effects: 773 mg/kg bw/day Consumer - Inhalation; Long term systemic effects: 608 mg/m <sup>3</sup>
		<b><u>ETHYL ACETATE (CAS: 141-78-6)</u></b>
	<b>DNEL</b>	Workers - Inhalation; Short term systemic effects: 1468 mg/m <sup>3</sup> Workers - Inhalation; Short term local effects: 1468 mg/m <sup>3</sup> Consumer - Inhalation; Short term systemic effects: 734 mg/m <sup>3</sup> Consumer - Inhalation; Short term local effects: 374 mg/m <sup>3</sup> Workers - Inhalation; Long term local effects: 734 mg/m <sup>3</sup> Workers - Dermal; Long term systemic effects: 63 mg/kg bw/day Workers - Inhalation; Long term systemic effects: 734 mg/m <sup>3</sup> Consumer - Dermal; Long term systemic effects: 37 mg/kg bw/day Consumer - Inhalation; Long term systemic effects: 367 mg/m <sup>3</sup> Consumer - Oral; Long term systemic effects: 4.5 mg/kg bw/day Consumer - Inhalation; Long term local effects: 367 mg/m <sup>3</sup>
	<b>PNEC</b>	- Fresh water; 0.26 mg/l - marine water; 0.026 mg/l - Intermittent release; 1.65 mg/l

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		- Sediment (Freshwater); 1.25 mg/kg
		- Sediment (Marinewater); 0.125 mg/kg
		- Soil; 0.24 mg/kg
		- STP; 650 mg/l
<b>8.2</b>	<b>Exposure controls</b>	
	<b>Protective equipment</b>	
		
	<b>Appropriate engineering controls</b>	Provide adequate ventilation. Avoid inhalation of vapours. Observe any occupational exposure limits for the product or ingredients.
	<b>Eye/face protection</b>	The following protection should be worn: Chemical splash goggles.
	<b>Hand protection</b>	Chemical-resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible. It is recommended that gloves are made of the following material: Nitrile rubber. It should be noted that liquid may penetrate the gloves. Frequent changes are recommended.
	<b>Other skin and body protection</b>	Wear appropriate clothing to prevent any possibility of liquid contact and repeated or prolonged vapour contact. Wear apron or protective clothing in case of contact.
	<b>Hygiene measures</b>	Use engineering controls to reduce air contamination to permissible exposure level. Provide eyewash station. Wash contaminated clothing before reuse. Wash hands after handling. Eating, smoking and water fountains prohibited in immediate work area.
	<b>Respiratory protection</b>	In confined or poorly-ventilated spaces, a supplied-air respirator must be worn. Wear a respirator fitted with the following cartridge: Gas filter, type AX.
	<b>Environmental exposure controls</b>	Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

<b>9.1</b>	<b>Information on basic physical and chemical properties</b>	
	<b>Appearance</b>	Coloured liquid.
	<b>Colour</b>	Cream.
	<b>Odour</b>	Characteristic.
	<b>Odour threshold</b>	Not available.
	<b>pH</b>	Not available.
	<b>Melting point</b>	Not available.
	<b>Initial boiling point and range</b>	Estimated value. 62-100°C @
	<b>Flash point</b>	Estimated value. -35°C
	<b>Evaporation rate</b>	Not determined.
	<b>Evaporation factor</b>	Not available.
	<b>Flammability (solid, gas)</b>	Not available.
	<b>Upper/lower flammability or explosive limits</b>	Estimated value.: 0.6-13%
	<b>Other flammability</b>	Not available.
	<b>Vapour pressure</b>	Not available.
	<b>Vapour density</b>	Not available.
	<b>Relative density</b>	0.83 @ 20°C
	<b>Bulk density</b>	Not available.
	<b>Solubility(ies)</b>	Insoluble in water.
	<b>Partition coefficient</b>	Not available.

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	<b>Decomposition Temperature</b>	Not available.
	<b>Viscosity</b>	Kinematic viscosity > 20.5 mm <sup>2</sup> /s.
	<b>Explosive properties</b>	Not available.
	<b>Explosive under the influence of a flame</b>	Not considered to be explosive.
	<b>Oxidising properties</b>	Not available.
	<b>Comments</b>	Information given is applicable to the product as supplied.
<b>9.2</b>	<b><u>Other information</u></b>	
	<b>Other information</b>	No information required.
	<b>Refractive index</b>	Not available.
	<b>Particle size</b>	Not available.
	<b>Molecular weight</b>	Not available.
	<b>Volatility</b>	Not available.
	<b>Saturation concentration</b>	Not available.
	<b>Critical temperature</b>	Not available.

#### SECTION 10: STABILITY AND REACTIVITY

<b>10.1</b>	<b><u>Reactivity</u></b>	
	<b>Reactivity</b>	There are no known reactivity hazards associated with this product.
<b>10.2</b>	<b><u>Chemical stability</u></b>	
	<b>Stability</b>	No particular stability concerns. Stable at normal ambient temperatures and when used as recommended.
<b>10.3</b>	<b><u>Possibility of hazardous reactions</u></b>	
	<b>Possibility of hazardous reactions</b>	Not applicable. Not relevant.
<b>10.4</b>	<b><u>Conditions to avoid</u></b>	
	<b>Conditions to avoid</b>	Avoid heat, flames and other sources of ignition.
<b>10.5</b>	<b><u>Incompatible materials</u></b>	
	<b>Materials to avoid</b>	Strong oxidising agents. Strong acids. Strong alkalis.
<b>10.6</b>	<b><u>Hazardous decomposition products</u></b>	
	<b>Hazardous decomposition products</b>	Does not decompose when used and stored as recommended. Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours. Oxides of carbon. Oxides of nitrogen.

#### SECTION 11: TOXICOLOGICAL INFORMATION

<b>11.1</b>	<b><u>Information on toxicological effects</u></b>	
	<b><u>Toxicological information on ingredients.</u></b>	
	<b><u>hydrocarbons, C6-C7,n-alkanes, isoalkanes, cyclics, &lt;5% n-hexane</u></b>	
	<b>Toxicological effects</b>	No information available.
	<b><u>Acute toxicity - oral</u></b>	
	Acute toxicity oral (LD <sub>50</sub> mg/kg)	5,840.0

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Species	Rat	
Notes (oral LD <sub>50</sub> )	Not known. Data lacking.	
ATE oral (mg/kg)	5,840.0	
<b><u>Acute toxicity - dermal</u></b>		
Acute toxicity dermal (LD <sub>50</sub> mg/kg)	2,920.0	
Species	Rat	
Notes (dermal LD <sub>50</sub> )	Data lacking.	
ATE dermal (mg/kg)	2,920.0	
<b><u>Acute toxicity - inhalation</u></b>		
Acute toxicity inhalation (LC <sub>50</sub> vapours mg/l)	25.2	
Species	Rat	
ATE inhalation (vapours mg/l)	25.2	
<b><u>Skin corrosion/irritation</u></b>		
Animal data	Data lacking.	
<b><u>Serious eye damage/irritation</u></b>		
Serious eye damage/irritation	Data lacking.	
<b><u>Aspiration hazard</u></b>		
Aspiration hazard	Kinematic viscosity > 20.5 mm <sup>2</sup> /s.	
<b>Inhalation</b>	May cause respiratory system irritation.	
<b>Ingestion</b>	May cause stomach pain or vomiting.	
<b>Skin contact</b>	Irritating to skin.	
<b>Eye contact</b>	May cause severe eye irritation.	
<b>Acute and chronic health hazards</b>	Vapour from this product may be hazardous by inhalation.	
<b>Route of exposure</b>	Inhalation Skin absorption Ingestion. Skin and/or eye contact	
<b>Target organs</b>	No specific target organs known.	
<b>Medical symptoms</b>	Gas or vapour in high concentrations may irritate the respiratory system. Symptoms following overexposure may include the following: Headache. Fatigue. Nausea, vomiting.	
<b>Medical considerations</b>	No information available.	
<b><u>Ethyl acetate</u></b>		
<b><u>Acute toxicity - oral</u></b>		
Acute toxicity oral (LD <sub>50</sub> mg/kg)	5,620.0	
Species	Rat	
ATE oral (mg/kg)	5,620.0	
<b><u>Acute toxicity - dermal</u></b>		
Acute toxicity dermal (LD <sub>50</sub> mg/kg)	20,000.0	
Species	Rabbit	
ATE dermal (mg/kg)	20,000.0	
<b><u>Acute toxicity - inhalation</u></b>		
Acute toxicity inhalation (LC <sub>50</sub> vapours mg/l)	30.0	
Species	Rat	



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	ATE inhalation (vapours mg/l)	30.0	
	<b>Inhalation</b>	Drowsiness.	
	<b>Ingestion</b>	Harmful if swallowed.	
	<b>Skin contact</b>	Causes skin irritation.	
	<b>Eye contact</b>	Causes serious eye irritation.	
<b><u>HEXANE-norm</u></b>			
	<b><u>Acute toxicity - oral</u></b>		
	Acute toxicity oral (LD <sub>50</sub> mg/kg)	25,000.0	
	Species	Rat	
	ATE oral (mg/kg)	25,000.0	
	<b><u>Acute toxicity - inhalation</u></b>		
	Acute toxicity inhalation (LC <sub>50</sub> gases ppmV)	48,000.0	
	Species	Rat	
	ATE inhalation (gases ppm)	48,000.0	
<b><u>ZBED (ZINC DIBENZYL DITHIOCARBAMATE)</u></b>			
	<b>Inhalation</b>	Coughing, chest tightness, feeling of chest pressure.	
	<b>Ingestion</b>	Ingestion may cause severe irritation of the mouth, the oesophagus and the gastrointestinal tract.	
	<b>Skin contact</b>	Causes mild skin irritation.	
	<b>Eye contact</b>	Irritating and may cause redness and pain.	

### SECTION 12: ECOLOGICAL INFORMATION

<b><u>Ecological information on ingredients.</u></b>			
	<b><u>hydrocarbons, C6-C7,n-alkanes, isoalkanes, cyclics, &lt;5% n-hexane</u></b>		
	<b>Ecotoxicity</b>	Dangerous for the environment.	
<b>12.1</b>	<b><u>Toxicity</u></b>		
	<b><u>Ecological information on ingredients.</u></b>		
	<b><u>hydrocarbons, C6-C7,n-alkanes, isoalkanes, cyclics, &lt;5% n-hexane</u></b>		
	<b><u>Acute aquatic toxicity</u></b>		
	Acute toxicity - fish	LC <sub>0</sub> , hours: >1-<10 mg/l, Fish	
	Acute toxicity - aquatic invertebrates	EC <sub>50</sub> , 48 hours: 3 mg/l, Daphnia magna	
	Acute toxicity - aquatic plants	LC <sub>0</sub> , hours: >1-<10 mg/l, Algae	
<b><u>Ethyl acetate</u></b>			
	<b><u>Acute aquatic toxicity</u></b>		
	Acute toxicity - fish	EC <sub>50</sub> , 48 hours: 610 mg/l, Marinewater fish	
		LC <sub>50</sub> , 96 hours: 230 mg/l, Pimephales promelas (Fat-head Minnow)	
	Acute toxicity - aquatic invertebrates	EC <sub>50</sub> , 48 hours: 11.5 mg/l, Daphnia magna	
	Acute toxicity - aquatic plants	EC <sub>50</sub> , 48 hours: 5600 mg/l, Freshwater algae	

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<b><u>HEXANE-norm</u></b>		
<b><u>Acute aquatic toxicity</u></b>		
Acute toxicity - fish	LC <sub>50</sub> , EC <sub>50</sub> , IC <sub>50</sub> , : 10 mg/l, Fish	
Acute toxicity - aquatic invertebrates	LC <sub>50</sub> , EC <sub>50</sub> , IC <sub>50</sub> , : 10 mg/l, Daphnia magna	
Acute toxicity - aquatic plants	LC <sub>50</sub> , EC <sub>50</sub> , IC <sub>50</sub> , : 10 mg/l, Algae	
<b><u>ZBED (ZINC DIBENZYL DITHIOCARBAMATE)</u></b>		
<b><u>Acute aquatic toxicity</u></b>		
LE(C) <sub>50</sub>	0.1 < L(E)C50 ≤ 1	
M factor (Acute)	1	
Acute toxicity - fish	LC <sub>50</sub> , 96 hours: 10 mg/l, Brachydanio rerio (Zebra Fish)	
<b><u>Chronic aquatic toxicity</u></b>		
M factor (Chronic)	1	
<b>12.2</b>	<b><u>Persistence and degradability</u></b>	
<b>12.3</b>	<b><u>Bioaccumulative potential</u></b>	
	<b>Partition coefficient</b>	Not available.
<b><u>Ecological information on ingredients</u></b>		
<b><u>Ethyl acetate</u></b>		
	<b>Bioaccumulative potential</b>	BCF: 30,
	<b>Partition coefficient</b>	Not available.
<b>12.4</b>	<b><u>Mobility in soil</u></b>	
	<b>Mobility</b>	The product contains volatile organic compounds (VOCs) which will evaporate easily from all surfaces.
<b><u>Ecological information on ingredients</u></b>		
<b><u>Ethyl acetate</u></b>		
	<b>Mobility</b>	The product contains volatile organic compounds (VOCs) which will evaporate easily from all surfaces.
<b><u>ZBED (ZINC DIBENZYL DITHIOCARBAMATE)</u></b>		
	<b><u>Mobility</u></b>	Insoluble in water.
<b>12.5</b>	<b><u>Results of PBT and vPvB assessment</u></b>	
	<b>Results of PBT and vPvB assessment</b>	This product does not contain any substances classified as PBT or vPvB.
<b><u>Ecological information on ingredients</u></b>		
<b><u>Ethyl acetate</u></b>		
	<b>Results of PBT and vPvB assessment</b>	This product does not contain any substances classified as PBT or vPvB.


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		<b><u>ZBED (ZINC DIBENZYL DITHIOCARBAMATE)</u></b>
	<b>Results of PBT and vPvB assessment</b>	This substance is not classified as PBT or vPvB according to current UK criteria.
<b>12.6</b>	<b><u>Other adverse effects</u></b>	
	<b>Other adverse effects</b>	None known.
	<b><u>Ecological information on ingredients</u></b>	
		<b><u>Ethyl acetate</u></b>
	<b>Other adverse effects</b>	None known.


### SECTION 13: DISPOSAL CONSIDERATIONS

<b>13.1</b>	<b><u>Waste treatment methods</u></b>	
	<b>General information</b>	Waste should be treated as controlled waste. Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.
	<b>Disposal methods</b>	Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

### SECTION 14: TRANSPORT INFORMATION

<b>14.1</b>	<b><u>UN number</u></b>	
	<b>UN No. (ADR/RID)</b>	1133
	<b>UN No. (IMDG)</b>	1133
	<b>UN No. (ICAO)</b>	1133
	<b>UN No. (ADN)</b>	1133
<b>14.2</b>	<b><u>UN proper shipping name</u></b>	
	<b>Proper shipping name (ADR/RID)</b>	ADHESIVES
	<b>Proper shipping name (IMDG)</b>	ADHESIVES
	<b>Proper shipping name (ICAO)</b>	ADHESIVES
	<b>Proper shipping name (ADN)</b>	ADHESIVES
<b>14.3</b>	<b><u>Transport hazard class(es)</u></b>	
	<b>ADR/RID class</b>	3
	<b>ADR/RID classification code</b>	F1
	<b>ADR/RID label</b>	3
	<b>IMDG class</b>	3
	<b>ICAO class/division</b>	3
	<b>ADN class</b>	3
	<b>Transport labels</b>	
		
<b>14.4</b>	<b><u>Packing group</u></b>	
	<b>ADR/RID packing group</b>	II

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	IMDG packing group	II	
	ICAO packing group	II	
	ADN packing group	II	
14.5	<b>Environmental hazards</b>		
	<b>Environmentally hazardous substance/marine pollutant</b>		
			
14.6	<b>Special precautions for user</b>		
	EmS	F-E, S-D	
	ADR transport category	2	
	Hazard Identification Number (ADR/RID)	33	
	Tunnel restriction code	(D/E)	
14.7	<b>Transport in bulk according to Annex II of MARPOL and the IBC Code</b>		

### SECTION 15: REGULATORY INFORMATION

15.1	<b>Safety, health and environmental regulations/legislation specific for the substance or mixture</b>		
	<b>National regulations</b>	<p><b>1.</b> Health and Safety at Work etc. Act 1974 (as amended).                  The Control of Substances Hazardous to Health Regulations 2002 (SI 2002 No. 2677) (as amended).                  The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (SI 2009 No. 716).                  Control of Substances Hazardous to Health Regulations 2002 (as amended).</p>	
	<b>EU legislation</b>	<p>Commission Directive 91/322/EEC of 29 May 1991 on establishing indicative limit values by implementing Council Directive 80/1107/EEC on the protection of workers from the risks related to exposure to chemical, physical and biological agents at work.</p>	
15.2	<b>Chemical safety assessment</b>	No chemical safety assessment has been carried out.	

### SECTION 16: OTHER INFORMATION

	<b>Issued by</b>	Compliance	
	<b>Revision date</b>	30/06/2022	
	<b>Revision</b>	22	
	<b>Supersedes date</b>	16/11/2020	
	<b>Hazard statements in full</b>	H225 Highly flammable liquid and vapour. H304 May be fatal if swallowed and enters airways. H315 Causes skin irritation. H319 Causes serious eye irritation. H336 May cause drowsiness or dizziness. H361d Suspected of damaging the unborn child. H361f Suspected of damaging fertility. H373 May cause damage to organs through prolonged or repeated exposure. H400 Very toxic to aquatic life. H410 Very toxic to aquatic life with long lasting effects. H411 Toxic to aquatic life with long lasting effects.	



## Safety Data Sheet

### MemBond TPO Membrane Adhesive

	<b>Store Between</b>	Store Between 5°C-25°C	
<b>Last update date (Manufacturer)</b> 30/06/2022 (Rev 22)			
<b>Moy Materials Ltd version prepared by</b> Martin Bidewell (28/02/2023 v1)			
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.			