





RoofPro Flexypol is a solvent based acrylic coating, incorporating synthetic fibres, which is designed specifically for the long term maintenance of domestic and commercial roofs. It provides a tough, flexible, seamless coating with excellent crack bridging properties.

- Fibre reinforced emergency roof repair compound
- Instant waterproofing
- Single coat application
- **Brush applied**

RoofPro Flexypol provides an effective all weather treatment for the remedial repair of leaking roofs. It can be applied in damp weather conditions where it will resist water wash-off and cure to produce a water impermeable membrane.

It has excellent adhesion to a wide range of building materials, including asphalt, bitumen, concrete, brickwork, slate, metal and plastic guttering etc. Do not use on styrofoam or pvc foil, or in areas where subsequent solvent or oil contact is likely.

Coverage: up to 1m² per kg.





Brush Applied

Flexible



Bridges and fills cracks







Domestic



and Commercial





Roof Pro Flexypol One Coat Black

1.

ACCORDING TO EC-REGULATIONS 1907/2006 (REACH), 1272/2008 (CLP) & 2020/878

Radmat PROL

Date of issue: 3rd May 2022 Date of First Issue: 3rd May 2022 Version 1.0

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

1.1	Product Identifier Product Name Product Code Unique Formula Identifier (UFI) Nanoform	Roof Pro Flexpol One Coat Black 5060382235280, 5060382235303 & 50 QS10-Y05U-900M-XF56 The product does not contain nanopart	
1.2	Relevant identified uses of the substance or mixture and uses advised against Identified use(s) Uses advised against	Coating and Sealer Anything other than the above.	
1.3	Details of the supplier of the safety data sheet Company Identification	Radmat Building Products Ltd. Holland House, Valley Way, Rockingha Leicestershire, LE16 7PS	am Road, Market Harborough,
	Telephone E-mail (competent person)	+44 1858 412109 Support@Rooftrade.co.uk	
1.4	Emergency Telephone Number		
	Emergency Phone No.	+44 1858 412109	Office hours (Monday to Friday 08:00 - 16:30)
	National Poisons Information Centre (Ireland)	+353 (1) 809 2166	8.00am 10.00pm 7 days per week Members of Public
		+353 (1) 809 2566	24 hr. emergency phone number Healthcare Professionals ONLY
	National Poisons Information Servce (Northern Ireland)	+44 (0) 3448 920111	24 hr. emergency phone number Healthcare Professionals ONLY
	NHS 24	111	Members of Public
	Language(s) spoken:	English	

2. SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture Regulation (EC) No. 1272/2008 (CLP)

Flam. Liq. 3; H226 STOT SE 3; H336 STOT RE 1; H372 Aquatic Chronic 2; H411

One Coat Black

According to Regulation (EC) No. 1272/2008 (CLP)

Hydrocarbons, C9-C12, n-alkanes, isoalkanes, cyclics, aromatics

2.2 Label elements Product name Contains:

Hazard Pictogram(s)

Signal Word(s)

Hazard Statement(s)

H226: Flammable liquid and vapour. H336: May cause drowsiness or dizziness. H372: Causes damage to organs through prolonged or repeated exposure.

DANGER

Roof Pro Flexypol One Coat Black

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H411: Toxic to aquatic life with long lasting effects.

Precautionary Statement(s)	 P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. P243: Take action to prevent static discharges. P260: Do not breathe vapour. P273: Avoid release to the environment. P391: Collect spillage. P501: Dispose of contents/container in accordance with local/regional/national/international regulations.
Supplemental information	EUH066: Repeated exposure may cause skin dryness or cracking.

2.3 Other hazards

None Known

3. **SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS**

3.1 Substances

not applicable

3.2 Mixtures

EC Classification Regulation (EC) No. 1272/2008 (CLP)

Chemical identity of the substance	%W/W	CAS No.	EC No.	REACH Registration No.	Hazard Statement(s)
2-methoxy-1-methylethyl acetate	>10 - <20	108-65-6	203-603-9	01-2119475791-29	Flam. Liq. 3; H226 STOT SE 3; H336
Hydrocarbons, C9-C12, n- alkanes, isoalkanes, cyclics, aromatics (2-25%)	>20 - < 50	64742-82-1	919-446-0	01-2119458049-33-0000	Flam. Liq. 3; H226 STOT SE 3; H336 STOT RE 1; H372 Asp. Tox. 1; H304 Aquatic Chronic 2; H411

Note: For full text of H phrases see section 16.

4. **SECTION 4: FIRST AID MEASURES**



4.1	Description of first aid measures	
	Self-protection of the first aider	Use personal protective equipment as required. Wear appropriate personal protective equipment, avoid direct contact. Ensure adequate ventilation. Do not
		breathe vapour. Avoid all contact. Contaminated clothing should be laundered before reuse.
	Inhalation	IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER/doctor if you feel unwell. IF exposed or concerned: Get medical advice/attention.
	Skin contact	IF ON SKIN: Remove contaminated clothing and wash all affected areas with plenty of water. Wash contaminated clothing before reuse. If skin irritation or rash occurs: Get medical advice/attention. IF exposed or concerned: Get medical advice/attention.
	Eye contact	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

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Ingestion

IF SWALLOWED: rinse mouth. Do NOT induce vomiting. Make victim drink plenty of water. Do not give anything by mouth to an unconscious person. Call a POISON CENTER/doctor if you feel unwell.

4.2 Most important symptoms and effects, both acute and delayed

4.3 Indication of any immediate medical attention and special treatment needed

CENTER/doctor if you feel unwell. May cause drowsiness or dizziness. Causes damage to organs through prolonged or repeated exposure.

Treat symptomatically.

5. SECTION 5: FIREFIGHTING MEASURES

Extinguishing media Suitable extinguishing media

Unsuitable extinguishing media

- 5.2 Special hazards arising from the substance or mixture
- 5.3 Advice for firefighters

5.1

As appropriate for surrounding fire. Extinguish with carbon dioxide, dry chemical, foam or waterspray and sand.

Do not use water jet. Direct water jet may spread the fire.

Flammable liquid and vapour. May decompose in a fire giving off toxic fumes. Carbon monoxide, Carbon dioxide, organic and inorganic compounds.

Fire fighters should wear complete protective clothing including self-contained breathing apparatus. Do not breathe fumes. Keep containers cool by spraying with water if exposed to fire. Avoid run off to waterways and sewers. Dike fire control water for later disposal.

6. SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1	Personal precautions, protective equipment and emergency procedures	Ensure adequate ventilation. Stop leak if safe to do so. Eliminate all ignition sources if safe to do so. Use non-sparking tools. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Use personal protective equipment as required. Do not breathe vapour. See Section: 8
6.2	Environmental precautions	Avoid release to the environment. Do not allow to enter drains, sewers or watercourses. Spillages or uncontrolled discharges into watercourses must be alerted to the Environment Agency or other appropriate regulatory body. Dike area to contain the spill and prevent releases to sewers, drains, or other waterways.
6.3	Methods and material for containment and cleaning up	Eliminate sources of ignition. Use non-sparking equipment when picking up flammable spill. Adsorb spillages onto sand, earth or any suitable adsorbent material. Transfer to a container for disposal. Ventilate the area and wash spill site after material pick-up is complete. Dispose of this material and its container as hazardous waste
6.4	Reference to other sections	See Section: 8, 13

7. SECTION 7: HANDLING AND STORAGE

7.1	Precautions for safe handling	Ensure operatives are trained to minimise exposures. Do not handle until all safety precautions have been read and understood. Avoid all contact. Do not breathe vapour. Ensure adequate ventilation. Take precautionary measures against static discharges. Use personal protective equipment as required. See Section: 8. Do not eat, drink or smoke when using this product. Wash hands before breaks and after work. Ground and bond container and receiving equipment.
7.2	Conditions for safe storage, including any incompatibilities	Keep only in original container. Store in a well-ventilated place. Keep container tightly closed. Keep away from heat, hot surfaces, sparks, open flames and other
	meompationities	ignition sources. No smoking. Keep away from direct sunlight.
	Storage temperature	Ambient temperatures.
	Incompatible materials	Strong acids, strong bases.
7.3	Specific end use(s)	See Section: 1.2.

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8. SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

8.1.1 Occupational exposure limits

SUBSTANCE	CAS No.	LTEL (8 hr TWA ppm)	LTEL (8 hr TWA mg/m³)	STEL (ppm)	STEL (mg/m³)	Note
2-methoxy-1-methylethylacetate	108-65-6	50	275	100	550	Sk, IOELV
White Spirits	64742-82-1	116	20	290	50	-

Source:

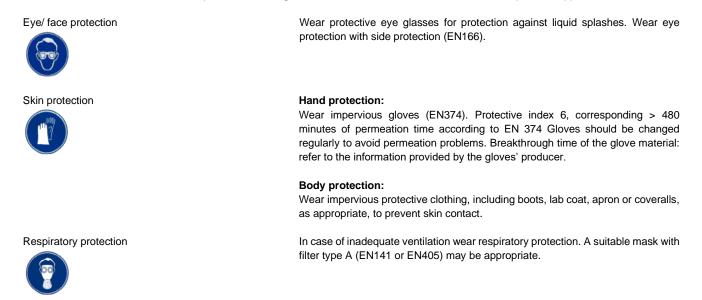
2021 Code of Practice for Safety, Health and Welfare at Work (Chemical Agents) Regulation (2001 – 2021) and the Safety, Health and Welfare at Work (Carcinogens) Regulations (2001 – 2019); Health and Safety Authority The Scientific Committee on Occupational Exposure Limits (SCOEL) recommended OEL (2007b)

Notes:

Sk: The assigned substances are those for which there are concerns that dermal absorption will lead to systemic toxicity. IOELV- Indicative Occupational Exposure Limit Values

8.1.2	Biological limit value	Not established
8.1.3	PNECs and DNELs	Not established
8.2 8.2.1	Exposure controls Appropriate engineering controls	Ensure adequate ventilation. Atmospheric levels should be controlled in compliance with the occupational exposure limit. A washing facility/water for eye and skin cleaning purposes should be present. Ground and bond container and receiving equipment. Use non-sparking tools.
8.2.2	Individual protection measures, such as personal protective equipment	General hygiene measures for the handling of chemicals are applicable. Keep good industrial hygiene. Avoid all contact. Do not breathe vapour. Wash hands before breaks and after work. Keep work clothes separately. Do not eat, drink or smoke at the work place.

Protective clothing should be selected specifically for the working place, depending on concentration and quantity of the hazardous substances handled. The resistance of the protective clothing to chemicals should be ascertained with the respective supplier.



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Thermal hazards

Not applicable

8.2.3 Environmental exposure controls

Avoid release to the environment. Do not allow to enter drains, sewers or watercourses.

9. SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1	Information on basic physical and chemical properties	
	Physical state	Liquid
	Colour	Black
	Odour	Characteristic
	Melting point/freezing point	Not established
	Boiling point or initial boiling point and boiling range	Not established
	Flammability	Flammable liquid
	Lower and upper explosion limit	Not established
	Flash point	➢ 38°C
	Auto-ignition temperature	Not established
	Decomposition temperature	Not established
	рН	Not applicable
	Kinematic viscosity	Not established
	Solubility	Partially soluble
	Partition coefficient: n-octanol/water (log value)	Not established
	Vapour pressure	Not established
	Density and/or relative density	Not established
	Relative vapour density	Not established
	Particle characteristics	not applicable
9.2	Other information	
	Specific Gravity	1
	Viscosity	40,000 – 45,000 cps

10. SECTION 10: STABILITY AND REACTIVITY

10.1	Reactivity	Stable under normal conditions.
10.2	Chemical stability	Stable under normal conditions.
10.3	Possibility of hazardous reactions	Stable under normal conditions.
10.4	Conditions to avoid	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Keep away from direct sunlight. Extreme temperatures.
10.5	Incompatible materials	Strong acids, strong bases.
10.6	Hazardous decomposition products	May decompose in a fire giving off toxic fumes. Carbon monoxide, Carbon dioxide, organic and inorganic compounds.

11. SECTION 11: TOXICOLOGICAL INFORMATION

11.1	Information on hazard classes as defined in Regulation (EC) No 1272/2008	
	Acute toxicity - Ingestion	Mixture: Based upon the available data, the classification criteria are not met.
	, ,	Acute Toxicity Estimate Mixture Calculation: LD50 >2,000 mg/kg bw/day.
	Acute toxicity - Inhalation	Mixture: Based upon the available data, the classification criteria are not met.
		Acute Toxicity Estimate Mixture Calculation: LD50 >2,000 mg/kg bw/day.
	Acute toxicity - Skin contact	Mixture: Based upon the available data, the classification criteria are not met.
		Acute Toxicity Estimate Mixture Calculation: LC50 > 20mg/l (Vapour).
	Skin corrosion/irritation	Mixture: Based upon the available data, the classification criteria are not met.
	Serious eye damage/irritation	Mixture: Based upon the available data, the classification criteria are not met.
	Respiratory or skin sensitisation	Mixture: Based upon the available data, the classification criteria are not met.
	Germ cell mutagenicity	Mixture: Based upon the available data, the classification criteria are not met.
	Carcinogenicity	Mixture: Based upon the available data, the classification criteria are not met.
	Reproductive toxicity	Mixture: Based upon the available data, the classification criteria are not met.

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	STOT - Single Exposure	Mixture: STOT SE 3: H336: May cause drowsiness or dizziness.
	Hydrocarbons, C9-C12, n-alkanes, isoalkanes, cyclics,	STOT SE 3: H336: May cause drowsiness or dizziness.
	aromatics (2-25%)	EU classification and labelling inventory (19 Notifiers)
	2-methoxy-1-methylethyl acetate	STOT SE 3; H336: May cause drowsiness or dizziness.
		ECHA registration dossier.
	STOT - Repeated Exposure	Mixture: STOT RE 1: Causes damage to organs through prolonged or repeated
		exposure.
	Hydrocarbons, C9-C12, n-alkanes, isoalkanes, cyclics,	STOT RE 1: H372: Causes damage to organs through prolonged or repeated
	aromatics (2-25%)	exposure:central nervous system
		EU classification and labelling inventory
	Aspiration hazard	Mixture: Based upon the available data, the classification criteria are not met.
	Hydrocarbons, C9-C12, n-alkanes, isoalkanes, cyclics,	Asp. Tox. 1: May be fatal if swallowed and enters airways.
	aromatics (2-25%)	≤1 mm²/sec @ 40 °C (Low boiling point Naphthas) (CONCAWE, 2010)
11.2	Information on other hazards	
11.2.1	Endocrine disrupting properties	None Known

12. SECTION 12: ECOLOGICAL INFORMATION

12.1	Toxicity	Mixture: Aquatic Chronic 2; H411: Toxic to aquatic life with long lasting effects.
		Aquatic Chronic 2; H411: Toxic to aquatic life with long lasting effects.
		EU classification and labelling inventory (19 Notifiers)
12.2	Persistence and degradability	No data for the mixture as a whole.
	Hydrocarbons, C9-C12, n-alkanes, isoalkanes, cyclics,	No data available
	aromatics (2-25%)	
	2-methoxy-1-methylethyl acetate	Readily biodegradable.
		83% Degradation in water (10 days) (OECD GL 301F)
		ECHA registration dossier.
12.3	Bioaccumulative potential	No data for the mixture as a whole.
	Hydrocarbons, C9-C12, n-alkanes, isoalkanes, cyclics,	No data available
	aromatics (2-25%)	
	2-methoxy-1-methylethyl acetate	No data available.
		logKow= 1.2, therefore, bioaccumulation testing can be waived in accordance to
		REACH Annex VIII, column 2.
12.4	Mobility in soil	No data for the mixture as a whole.
	Hydrocarbons, C9-C12, n-alkanes, isoalkanes, cyclics,	No data available
	aromatics (2-25%)	
	2-methoxy-1-methylethyl acetate	No data available. Not applicable in accordance to REACH Annex VIII, column
		2.
12.5	Results of PBT and vPvB assessment	The substances in the mixture do not meet the PBT/vPvB criteria according to
		REACH, annex XIII.
12.6	Endocrine disrupting properties	This product does not contain a substance that has endocrine disrupting
		properties with respect to non-target organisms as no components meets the
40 7		criteria.
12.7	Other adverse effects	None known

13. SECTION 13: DISPOSAL CONSIDERATIONS

13.1	Waste treatment methods Waste classification according to Directive 2008/98/EC (Waste Framework Directive)	Dispose of this material and its container as hazardous waste. Do not empty into drains, dispose of this material and its container at hazardous or special waste collection point. Do not allow to enter drains, sewers or watercourses. Dispose of wastes in an approved waste disposal facility. Dispose of contents in accordance with local, state or national legislation. EU Waste Codes: HP3 (Flammable), HP5 (Specific Target Organ Toxicity) , HP14 (Ecotoxic)

14. SECTION 14: TRANSPORT INFORMATION

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		ADR/RID	ADN	IMDG	ΙΑΤΑ/ΙCΑΟ
14.1	UN number or ID number	1993	1993	1993	1993
14.2	UN proper shipping name	FLAMMABLE	FLAMMABLE	FLAMMABLE	FLAMMABLE
14.2	on proper snipping name	LIQUID, N.O.S.	LIQUID, N.O.S.	LIQUID, N.O.S.	LIQUID, N.O.S.
		(Hydrocarbons,	(Hydrocarbons,	(Hydrocarbons,	(Hydrocarbons, C9-
		C9-C12, n-	C9-C12, n-	C9-C12, n-	C12, n-alkanes,
		alkanes,	alkanes,	alkanes,	isoalkanes, cyclics,
		isoalkanes,	isoalkanes,	isoalkanes,	aromatics (2-25%))
		cyclics, aromatics	cyclics, aromatics	,	alomatics (2-2570))
		(2-25%)	(2-25%))	(2-25%))	
14.3	Transport hazard class(es)	3	3	3	3
14.4	Packing group	Ű	UI	UI III	iii
14.5	Environmental hazards	Environmentally	Environmentally	Environmentally	Environmentally
		hazardous	hazardous	hazardous	hazardous
		substance	substance	substance	substance
14.6	Special precautions for user	See Section: 2			
14.7	Maritime transport in bulk according to IMO	Not applicable			
	instruments				
14.8	Additional information	None			
15. S	SECTION 15: REGULATORY INFORMATION				
15.1	Safety, health and environmental				
	regulations/legislation specific for the substance or				
	mixture				
15.1.1	EU regulations				
	Authorisations and/or restrictions on use	Not restricted for th	e intended use(s) o	f the product.	
	Use restriction according to REACH annex XVII, no .:	This product does not contain any known "substances of very hi		of very high concern"	
		(SVHC's)			
	Directive 2012/18/EU on the control of major-accident	P5c flammable liquids E2 Hazardous to the Aquatic Environment in Category Chronic 2			
	hazards involving dangerous substances [Seveso-III-			onic 2	
	Directive]				
	Directive 2010/75/EU on industrial emissions				
		Solvent VOC-value			
		VOC-value %		nperature	Method
		>50 - <10	-	20 °C	calculated
	To follow:			the protection of the	health and safety of
15.1.2	National regulations	workers from the risks related to chemical agents at work			
13.1.2	S.I. No. 619/2001	Not listed			
15.2	Chemical Safety Assessment		l safaty assessmen	t has not been carrie	d out
13.2	Chemical Darcy Assessment		a sarcty assessment		u out.
46 6					
16. S	SECTION 16: OTHER INFORMATION				

The following sections contain revisions or new statements: not applicable - V1.0

References:

Existing ECHA registration(s) for Hydrocarbons, C9-C12, n-alkanes, isoalkanes, cyclics, aromatics (2-25%) (EC NO: 919-446-0); 2-methoxy-1-methylethyl acetate (CAS NO: 108-65-6)

Harmonised Classification(s) for 2-methoxy-1-methylethyl acetate (CAS NO: 108-65-6)

EU Classification: This Safety Data Sheet was prepared in accordance with EC Regulation (EC) 1907/2006 (REACH), 1272/2008 (CLP) & 2020/878

Classification of the substance or mixture According to Regulation (EC) No. 1272/2008 (CLP)	Classification procedure
Flam. Liq. 3; H226	Expert judgement and weight of evidence.
STOT SE 3; H336	Threshold Calculation
STOT RE 1; H372	Threshold Calculation
Aquatic Chronic 2; H411	Threshold Calculation

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Legend

ADR	ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road
ADN	ADN: European Agreement on the International Transport of Dangerous Goods by Inland Waterways
CLP	Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures
DNEL	Derived no effect level
IATA	IATA: International Air Transport Association
ICAO	ICAO: International Civil Aviation Organization
IMDG	IMDG: International Maritime Dangerous Goods
LTEL	Long term exposure limit
PBT	PBT: Persistent, Bioaccumulative and Toxic
PNEC	Predicted No Effect Concentration
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals
RID	RID: Regulations concerning the international railway transport of dangerous goods
STEL	Short term exposure limit
vPvB	vPvB: very Persistent and very Bioaccumulative

Hazard classification / Classification code:

Flam. Liq. 3; Flammable liquid, Category 3

Asp. Tox. 1; Aspiration hazard, Category 1

STOT SE 3; Specific Target Organ Toxicity — Single Exposure, Category 3

STOT RE 1; Specific target organ toxicity — repeated exposure, Category 1

Aquatic Chronic 2; Hazardous to the aquatic environment, Chronic , Category 2

Hazard Statement(s)

H226: Flammable liquid and vapour. H304: May be fatal if swallowed and enters airways. H336: May cause drowsiness or dizziness.

H372: Causes damage to organs through prolonged or repeated exposure. H411: Toxic to aquatic life with long lasting effects.

EUH066: Repeated exposure may cause skin dryness or cracking. EUH211 : Warning! Hazardous respirable droplets may be formed when sprayed. Do not breathe spray or mist.

Disclaimers

Information contained in this publication or as otherwise supplied to Users is believed to be accurate and is given in good faith, but it is for the Users to satisfy themselves of the suitability of the product for their own particular purpose. Radmat Building Products Ltd gives no warranty as to the fitness of the product for any particular purpose and any implied warranty or condition (statutory or otherwise) is excluded except to the extent that exclusion is prevented by law. Radmat Building Products Ltd accepts no liability for loss or damage (other than that arising from death or personal injury caused by defective product, if proved), resulting from reliance on this information. Freedom under Patents, Copyright and Designs cannot be assumed.

Annex to the extended Safety Data Sheet (eSDS)

Exposure scenarios for substances in this preparation are not available.