SAFETY DATA SHEET

BITUMEN PAINT

ACCORDING TO EC-REGULATIONS 1272/2008 (CLP) & 2020/878

Date of issue: 17th May 2024
Version 2.0

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

1.1 Product identifier

Product name	Bitumen Paint
Product Code	5060938853937, 5060938853944
CAS No.	Mixture
EINECS No.	WE00-E04G-F00C-Q1D5
Unique Formula Identifier (UFI)	The product does not contain nanoparticles.
Nanoform	

1.2 Relevant identified uses of the substance or mixture and uses advised against

Identified Use(s)	Paint used for weatherproofing / waterproofing various surfaces. See section 10 for a list of incompatible materials
Uses advised against	

1.3 Details of the supplier of the safety data sheet

Company Identification	Radmat Building Products LTD Holland House, Valley Way, Rockingham Road, Market Harborough, LE16 7PS
Telephone	01858 412109
E-mail (competent person)	sales@radmatbm.com

1.4 Emergency telephone number

Emergency Phone No.	01858 412109 (Office hours)
Languages spoken	English
NHS 24	111 (quote UFI code from section 1.1 and also on reverse of tin.)

SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

2.1.1 The retained CLP Regulation (EU) No 1272/2008, as amended for Great Britain

Flam. Liq. 3; H226
Asp. Tox. 1; H304
STOT SE 3; H336

2.2 Label elements

The retained CLP Regulation (EU) No 1272/2008, as amended for Great Britain

Product name	Bitumen Paint
Contains:	Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, < 2% aromatics

Hazard Pictogram(s)

Signal Word(s): DANGER

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

Precautionary Statement(s):
P101: If medical advice is needed, have product container or label at hand.
P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P243: Take action to prevent static discharges.
P261: Avoid breathing vapours.
P301+P310: IF SWALLOWED: Immediately call a POISON CENTER/doctor.
P403+P233: Store in a well-ventilated place. Keep container tightly closed.

	Supplemental information	EUH066: Repeated exposure may cause skin dryness or cracking.
2.3	**Other hazards**	None Known

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances - Not applicable

3.2 Mixtures

Classification: The retained CLP Regulation (EU) No 1272/2008, as amended for Great Britain

Chemical identity of the substance	%W/W	CAS No.	EC No.	UK-REACH Registration No.	Hazard classification
Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, < 2% aromatics	35 - 45	64742-48-9	919-857-5	Not yet assigned in the supply chain	Flam. Liq. 3; H226 STOT SE 3; H336 Asp. Tox. 1; H304

For full text of H phrases see section 16.

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. Avoid breathing vapours. Do not taste or swallow. Avoid contact with skin, eyes or clothing. Contaminated clothing should be laundered before reuse.
Inhalation	IF INHALED: Remove person to fresh air and keep comfortable for breathing. If breathing is irregular or stopped, administer artificial respiration. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband. IF exposed or concerned: Get medical advice/attention.
Skin contact	IF ON SKIN: Wash skin with soap and water. Remove contaminated clothing. Wash contaminated clothing before reuse. If skin irritation or rash occurs: 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.
Ingestion	IF SWALLOWED: Wash out mouth with water and give small quantities of water to drink. Do not induce vomiting because of risk of aspiration into the lungs. If vomiting occurs spontaneously, keep head below hips to prevent aspiration into the lungs. Do not give anything by mouth to an unconscious person. Immediately call a POISON CENTER/doctor/....
4.2 Most important symptoms and effects, both acute and delayed	Repeated exposure may cause skin dryness or cracking. May be fatal if swallowed and enters airways. May cause drowsiness or dizziness.
4.3 Indication of any immediate medical attention and special treatment needed	Treat symptomatically.
Notes to a physician:	IF SWALLOWED: Material may be aspirated into the lungs and cause chemical pneumonitis

SECTION 5: FIREFIGHTING MEASURES

5.1 Extinguishing media

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

	Unsuitable extinguishing media	Do not use water jet. Direct water jet may spread the fire. Simultaneous use of foam and water on the same surface is to be avoided as water destroys the foam
5.2	**Special hazards arising from the substance or mixture**	Flammable liquid and vapour. May decompose in a fire giving off toxic fumes. Carbon monoxide, Carbon dioxide, organic and inorganic compounds. If sulphur compounds are present in appreciable amounts, combustion products may include also H2S and SOx (sulfur oxides) or sulfuric acid
5.3	**Advice for firefighters**	Fight fire with normal precautions from a reasonable distance. 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.

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. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Take action to prevent static discharges. Use non-sparking tools. Use personal protective equipment as required. Avoid breathing vapours. Do not taste or swallow. Avoid contact with skin, eyes or clothing. See Section: 8
6.2	**Environmental precautions**	Avoid release to the environment. Do not allow to enter drains, sewers or water courses.
6.3	**Methods and material for containment and cleaning up**	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

SECTION 7: HANDLING AND STORAGE

7.1	**Precautions for safe handling**	Ensure operatives are trained to minimise exposures. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Ensure adequate ventilation. Avoid breathing vapours. Do not taste or swallow. Avoid contact with skin, eyes or clothing. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. May form explosive peroxides. Take action to prevent static discharges. Use personal protective equipment as required. Ground and bond container and receiving equipment. See Section: 8. Do not eat, drink or smoke when using this product. Wash hands before breaks and after work.
7.2	**Conditions for safe storage, including any incompatibilities**	Ground/bond container and receiving equipment. 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 ignition sources. No smoking. Keep away from direct sunlight.
	storage temperature	Ambient temperatures.
	Incompatible materials	Strong oxidising agents.
7.3	**Specific end use(s)**	See Section: 1.2.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1	**Control parameters**	
8.1.1	**Occupational exposure limits**	Not established
8.1.2	**Biological limit value**	Not established
8.1.3	**PNECs and DNELs**	Not established
8.2	**Exposure controls**	
8.2.1	**Appropriate engineering controls**	Ensure adequate ventilation. A washing facility/water for eye and skin cleaning purposes should be present. Ground and bond container and receiving equipment. Take action to prevent static discharges. 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 breathing vapours. Do not taste or swallow. Avoid contact with skin, eyes or clothing. 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.

Eye/ face protection

Wear protective eye glasses for protection against liquid splashes. Wear eye protection with side protection (EN166).

Skin protection

Hand protection:
Wear impervious gloves (EN374). Protective index 6, corresponding > 480 minutes of permeation time according to EN 374 Gloves should be changed regularly to avoid permeation problems. Breakthrough time of the glove material: refer to the information provided by the gloves' producer.

Body protection:
Wear impervious protective clothing, including boots, lab coat, apron or coveralls, as appropriate, to prevent skin contact.

Respiratory protection

In case of inadequate ventilation wear respiratory protection. A suitable mask with filter type A (EN141 or EN405) may be appropriate.

Thermal hazards — Not applicable

8.2.3 Environmental exposure controls — Avoid release to the environment.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Appearance	Black Liquid
Odour	Characteristic
Odour threshold	No data available
pH	Not applicable
Melting point/freezing point	No data available
Initial boiling point and boiling range	No data available
Flash point	38 ºC
Evaporation rate	No data available
Flammability (solid, gas)	Flammable liquid
Upper/lower flammability or explosive limits	0,6% - 8%
Vapour pressure	No data available
Vapour density	No data available
Relative density	0.916 g/cm³
Solubility(ies)	Insoluble in water
Partition coefficient: n-octanol/water	No data available
Auto-ignition temperature	No data available
Decomposition temperature	No data available
Viscosity	1,7 mPa*s
Explosive properties	No data available
Oxidising properties	No data available

9.2 Other information — No data available

VOC-value — 360 g/L

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.
10.5	**Incompatible materials**	Strong oxidising agents.
10.6	**Hazardous decomposition products**	May decompose in a fire giving off toxic fumes. Carbon monoxide, Carbon dioxide, organic and inorganic compounds. If sulphur compounds are present in appreciable amounts, combustion products may include also H2S and SOx (sulfur oxides) or sulfuric acid.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1	**Information on toxicological effects**	
	Acute toxicity - Ingestion	Mixture: Based upon the available data, the classification criteria are not met. Acute Toxicity Estimate Mixture Calculation: LD50 (oral,rat) mg/kg: > 5,000
	Acute toxicity - Inhalation	Mixture: Based upon the available data, the classification criteria are not met. Acute Toxicity Estimate Mixture Calculation: LC50 (rat) mg/m³ > 94,4
	Acute toxicity - Skin contact	Mixture: Based upon the available data, the classification criteria are not met. Acute Toxicity Estimate Mixture Calculation: LD50 (skin,rabbit) mg/kg: >2,000
	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.
	STOT - single exposure	Mixture: STOT SE 3: H336: May cause drowsiness or dizziness.
	Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, < 2% aromatics	STOT SE 3: H336: May cause drowsiness or dizziness. ECHA registration dossier
	STOT - Repeated Exposure	Mixture: Based upon the available data, the classification criteria are not met.
	Aspiration hazard	Mixture: Asp. Tox. 1: May be fatal if swallowed and enters airways.
	Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, < 2% aromatics	Asp. Tox. 1: May be fatal if swallowed and enters airways. ECHA registration dossier
11.2	**Other information**	None Known

SECTION 12: ECOLOGICAL INFORMATION

12.1	**Toxicity**	Mixture: Based upon the available data, the classification criteria are not met. Estimated LC50 (Mixture): > 100 mg/l.
12.2	**Persistence and degradability**	No data for the mixture as a whole.
	Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, < 2% aromatics	Biodegradable. 71% in 28 days (OECD 301F) (Unnamed publication, 2014)
12.3	**Bioaccumulative potential**	No data for the mixture as a whole.
	Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, < 2% aromatics	The substance has potential for bioaccumulation. BCF >= 30.85 <= 2,626.13 L/kg (BCFBAF v3.01, 2012)
12.4	**Mobility in soil**	No data for the mixture as a whole.
	Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, < 2% aromatics	The substance is predicted to have low mobility in soil. Koc >= 465.69 <= 140184.50 L/kg (Schüürmann et al., 2006)
12.5	**Results of PBT and vPvB assessment**	Not classified as PBT or vPvB.
12.6	**Other adverse effects**	None Known

SECTION 13: DISPOSAL CONSIDERATIONS

13.1	**Waste treatment methods**	This material and its container must be disposed of as hazardous waste. Dispose of wastes in an approved waste disposal facility.
	Waste classification according to Directive 2008/98/EC (Waste Framework Directive)	Dispose of contents in accordance with local, state or national legislation. Waste code: HP3 (Flammable) Waste code: HP5 (Specific Target Organ Toxicity (STOT)/Aspiration Toxicity)
13.2	**Additional information**	None Known

SECTION 14: TRANSPORT INFORMATION

		ADR/RID	IMDG	IATA/ICAO
14.1	**UN number**	UN 1263	UN 1263	UN 1263
14.2	**UN proper shipping name**	PAINT	PAINT	PAINT
14.3	**Transport hazard class(es)**	3	3	3
14.4	**Packing group**	III	III	III
14.5	**Environmental hazards**	Not classified	Not classified as a Marine Pollutant.	Not classified
14.6	**Special precautions for user**	See Section: 2		
14.7	**Transport in bulk according to Annex II of Marpol and the IBC Code**	Not applicable		

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
Substance(s) of Very High Concern (SVHCs)	This product does not contain any known "substances of very high concern" (SVHC's)
To follow:	Directive 98/24/EC of 7 April 1998 on the protection of the health and safety of workers from the risks related to chemical agents at work.
GB regulations	
Grandfathered registrations notified substances list	Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, < 2% aromatics: Listed Asphalt, oxidized: Listed

15.1.2 National regulations

Germany Water hazard class (WGK)	Water hazard class: WGK 1

15.2 Chemical Safety Assessment A chemical safety assessment is not required under REACH.

SECTION 16: OTHER INFORMATION

The following sections contain revisions or new statements: 1 – 16. Please review SDS with care.

References:
Existing Safety Data Sheet (SDS)
Existing ECHA registration(s) for Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, < 2% aromatics (CAS No. 64742-48-9).

Literature References:

1. Meylan,WM, Howard,PH, Boethling,RS et al. 1999. Improved Method for Estimating Bioconcentration / Bioaccumulation Factor from Octanol/Water Partition Coefficient. Environ. Toxicol. Chem. 18(4): 664-672 (1999).
2. Schüürmann G, Ebert RU, Kühne R. Prediction of the sorption of organic compounds into soil organic matter from molecular structure. Environ Sci Technol. 2006 Nov 15;40(22):7005-11. doi: 10.1021/es060152f. PMID: 17154008.

Classification: This Safety Data Sheet was prepared in accordance with EC Regulation (EC) 1907/2006 (REACH), 1272/2008 (CLP) & 2015/830.
Compiled in accordance with REACH Regulation (EC) No 1907/2006, as amended by UK REACH Regulations SI 2019/758

Classification of the substance or mixture. The retained CLP Regulation (EU) No 1272/2008, as amended for Great Britain	**Classification procedure**
Flam. Liq. 3; H226	Flash point (°C) / Boiling Point (°C)
STOT SE 3; H336	Threshold Calculation
Asp. Tox. 1; H304	Threshold Calculation
EUH066	Expert judgement

Legend

ADR	ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road
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:	**Hazard Statement(s)**
	EUH066: Repeated exposure may cause skin dryness or cracking.
Flam. Liq. 3; Flammable liquid, Category 3	H226: Flammable liquid and vapour.
STOT SE 3; Specific target organ toxicity — single exposure, Category 3	H336: May cause drowsiness or dizziness.
Asp. Tox. 1; Aspiration Toxicity, Category 1	H304: May be fatal if swallowed and enters airways.

Training advice: Consideration should be given to the work procedures involved and the potential extent of exposure as they may determine whether a higher level of protection is required.

Disclaimers

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Annex to the extended Safety Data Sheet (eSDS)

Exposure scenarios for substances in this preparation are not available.