



Safety Data Sheet

Blackpatch PCSM

1. Product & Company Identification

Identification of Substance	Permanent Cold Lay Surfacing Material (may be referred to as Permanent Cold Lay Material PCLM)
Trade Name	Black Patch
Supplier	2HK Solutions Ltd Unit 6 Henfield Business Park Westerleigh Road Bristol BS36 2UP
Tel No.	0845 2238801
Fax No.	0845 2238802

2. Composition/Information on Components

Black Patch PCSM is a mixture of hardstone aggregates and emulsified bitumen. Bitumen is a hydrocarbon derived from the distillation of petroleum crude oil, which in Quarryflex has been emulsified with water and additives.

3. Hazards Identification

The following hazards may apply:

Fumes from Black Patch are unlikely to be hazardous when used in open air situations, but they may be a risk to health by continuous inhalation of high vapour concentrations which might arise in confined or semi-confined spaces.

Protracted skin contact can cause irritation, which may lead to dermatitis.

4. First Aid Measures

Inhalation:

Immediately remove to fresh air, if you feel unwell seek immediate medical attention.

Skin Contact:

Wash skin with soap and water, if material proves difficult to remove, use suitable skin cleanser (not solvent). Apply a reconditioning cream.

Eye Contact:

Wash out eye with plenty of water. Obtain medical attention if soreness or redness persists

Ingestion:

Remove to fresh air and give water to drink, do not induce vomiting seek medical advice.

5. Fire Fighting Measures

Suitable Extinguishing Media:

Dry powder, foam

Unsuitable Extinguishing Media:

CO₂

Special Exposure Hazards in Fire:

Hydrocarbon fumes may be released.

Special Protective Equipment for Firefighters:

Full protective clothing including suitable respirator or breathing apparatus.

6. Accidental Release Measures

Personal Precautions:

Wear overalls and gloves

Environmental Precautions:

Entry into drains and watercourses should be avoided. Advise authorities if release has entered water course or sewer or has contaminated soil or vegetation.

Methods for Cleaning:

No special requirements, transfer into suitable containers for disposal.

7. Handling & Storage

Handling:

Skin contact should be avoided. Inhalation of fumes should be avoided as far as is reasonably practicable.

Storage:

If stored correctly in unopened bags/tubs the shelf life of Black Patch is 6-9 months.

8. Exposure Controls/Personal Protection

Asphalt Fumes – O.E.S.	5mg/m ³	8 hours T.W.A.
	10mg/m ³	15 min. T.W.A.

Respiratory Protection:

Suitable masks if dust/fume is present in significant quantities.

Hand Protection:

Gloves

Skin Protection:

Overalls

Eye Protection:
Goggles may be required

9. Physical & Chemical Properties

Appearance	Black granular solid granular solid.
Odour	Charateristic
PH	Neutral
Boiling Point/Range	Not applicable
Melting Point/Range	40-60 degrees C
Flash Point	Above 200 degrees C
Flammability	Not determined
Auto Flammability	Above 230 degrees C
Explosive Properties	Not determined
Oxidising Properties	Not applicable
Vapour Pressure	Not applicable
Relative Density	Above 2.0
Fat Solubility	Not determined

10. Stability & Reactivity

Stability:
Stable under normal conditions

Conditions to Avoid:
Sources of ignition and temperatures above 200 degrees C

Material to Avoid:
Strong oxidising agents

Hazardous Decomposition Products:
The substances arising from the thermal decomposition of the bitumen binder in macadam will largely depend on conditions but may contain the following: Carbon Dioxide, Carbon Monoxide, Water, Particulate Matter, Hydrogen Sulphide, Sulphur Oxides, Polycyclic Aromatic Hydrocarbons, Unburnt Hydrocarbon, Nitrogen Oxides, Vanadium Pentoxide.
Combustion will generate smoke, possibly thick and choking.

11. Toxicological Information

Fumes inhaled over a prolonged period could constitute a health hazard.
Prolonged skin contact may cause dermatitis.

12. Ecological Information

Mobility
None (Macadam is an inert material)

Persistence/Degradability
The product is expected to be resistant to biodegradation

Bioaccumulation

Product is not expected to bio accumulate

Ecotoxicity

No data

13. Disposal**Product Disposal**

Macadam is an inert product

Packaging

Dispose of via authorised landfill

14. Transport Information

Special Carriage Requirements:

None

15. Regulatory Information

Product is not classified as dangerous for transport

16. Other Information**Product Use**

Industrial and construction repair compound

Product Form

25 kg pails or bags

Emergency Contact

Safety Data Sheet First Issued May 1997

17. National Legislation

HSE Guidance Note EH40/96 PPE Regulations 1992

COSHH Regulations 1992 Environmental Protection Act 1990