



# 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	Adawall Construction Chemicals Earl Russell Way Lawrence Hill Bristol BS5 0WT
Tel No.	0117 9415495
Fax No.	0117 9554807

### 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 their 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:**

CO<sub>2</sub>

**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 <sup>3</sup>	8 hours T.W.A.
	10mg/m <sup>3</sup>	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