



## COSHH ASSESSMENT & HAZARD SUMMARY SHEET

Substance / Trade Name:

# Bitumen






**Supplier:** Various

Toxic Ingredients	*LTEL	*STEL	**COMMENTS
Asphalt Fume	5mg/m3	4mg/m3	

**Description of Substance:** Black in colour, tacky solid with an asphalt colour.

**Hazards:** Negligible at normal handling temperatures. Fumes may be irritating to eyes and respiratory tract. Hot splashes may cause burns.

**PPE**

			
Gauntlets	Overalls	Full Face Visor	

**First Aid**

Skin Contact	Immerse or flush affected area with large quantities of cold water. Cover with clean cotton gauze and seek medical attention. Do not wipe or try to remove material or contaminated clothing as this can spread the material causing further burns and tear the skin.
Eye Contact	Flush eye with copious amounts of cold water and seek medical attention do not wipe eye or try to remove material.
Inhalation	Remove person to fresh air. If symptoms persist seek medical help.
Ingestion	Do not induce vomiting. Seek medical attention.

**Storage Conditions:** Keep containers closed when not in use. Clean up spills or leaks to avoid a slip hazard. When heating to normal handling temperature avoid overheating. Protect from frost.

\*LTEL: Long-term Exposure Limit – 8-hour weighted average (TWA) ref period

\*STEL: Short-term Exposure Limit – 15-min ref period

\*\*WEL: Workplace Exposure Limit

OES: Occupational Exposure Standard

TID: Total Inhalable Dust

RD: Respirable Dust



**Substance / Trade Name:** Bitumen

**Activity / Conditions of Use:** Used as a road dressing for sealing and waterproofing.

**Quantities used:** Variable depending on size of works.

**Assessment of risk:** Low risk at ambient temperatures. Splashes of hot product may cause burns. When using tar pot, ensure chute is used correctly to reduce the risk of splashes.

**Recommended control measures:** Avoid overheating, wear thermal gauntlets when handling, wear full face visor when heating and where there is a risk of splashing.

**Spillage Management:** Entry into watercourses should be avoided so far as is possible. Spray with water to prevent the generation of dust. Do not dry sweep residues. Contain so as to avoid the generation of dust (ie, cover or enclose).

**Disposal:** Hardened Bituminous Materials are classified as an inert waste and can be disposed of as normal industrial waste in accordance with waste regulations. It is recommended that it be disposed of via recycling or reuse

This Risk Assessment applies only to this substance when encountered or used in the activity and / or conditions described above. If there is a change in the activity or conditions in which the substance is encountered or used, a new assessment must be made.

**Print name:**

**Signed:**

**Date:**