



COSHH ASSESSMENT & HAZARD SUMMARY SHEET

Substance / Trade Name:

Coated Road Material - Asphalt






Supplier: Tarmac, Aggregate Industries etc

Toxic Ingredients	*LTEL	*STEL	**COMMENTS
Asphalt Fume Quartz (Crystalline Silica)	5mg/m ³ 0.1mg/m ³	4mg/m ³	WEL RP

Description of Substance: A mixture of aggregates and a binder which is usually bitumen derived from crude oil. Occasionally for special applications the binder may be Coal Tar. The binder may be modified by fluxing oil that may be petroleum or coal tar based.

Hazards: Prolonged skin contact with all products may result in dermatitis. Prolonged contact with coal tar products and poor hygiene may result in skin warts or cancer. Fumes from coated materials while hot may be a risk to health in a confined space. Hot materials may cause burns.

PPE

			
Dust Mask (Inadequate Ventilation)	Gloves	Goggles	

First Aid

Skin Contact	Wash thoroughly with soap and water. When product is hot cool immediately with water. Do not rub as this can spread the bitumen.
Eyes Contact	Wash with sterile solution or clean water for at least 15 minutes. Seek medical advice.
Inhalation	Remove person to fresh air. If irritation persists seek medical advice.
Ingestion	Give copious amounts of water to drink, do not induce vomiting. Seek medical advice.

Storage Conditions: Material is not stored on site.

***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

RP: Respirable Dust



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Activity / Conditions of Use: Delivered hot to site in bulk and tipped into mechanical pavers for road surfacing or distributed by barrow and spread using shovels and rakes for patching, surfacing footpaths, drives etc. All work takes place in open air May also be used as a cold lay material.

Quantities used: Various

Assessment of risk: No significant risk to health as use of material takes place in open air and materials used are petroleum based. All personnel wear protective gloves and contact with material is avoided by use of hand tools

Recommended control measures: Continue existing controls. Provide high standard of hygiene facilities - skin cleanser, washing facilities. Instruct personnel of hazards and precautions. Review assessment if use of coal tar products becomes necessary.

Spillage Management: Solid material when cooled may be disposed of as normal waste.

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: