

INSTANT BITUMEN

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MATERIAL SAFETY DATA SHEET **INSTANT BITUMEN COLDMIX**

PRODUCT: **COLD MIXED ASPHALT**

NOTE: PRODUCT NOT TO BE HEATED.

1 PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: COLFIX CATIONIC EMULSION

SUPPLIER: INSTANT BITUMEN
A.C.N. 008 428 979
9 C.B. Fisher Drive,
Cavan South Australia 5094

PRODUCT INFORMATION: PH: 61 8 8359 7777 FAX: 61 8 8359 4011

USE OR DESCRIPTION: Bitumen based coldmix asphalt.

2 COMPOSITION / TYPICAL CHEMICAL AND PHYSICAL PROPERTIES

APPEARANCE:	Black – aggregate mixture
FLASHPOINT:	>240degrees C
SOFTENING POINT:	45 – 50 DEGREES c for the bitumen base
SOLUBILITY IN WATER:	NIL

All components are Registered in Accordance with the Australian Inventory of Chemical Substances.

ASPHALT (PETROLEUM) CAS NUMBER 8052-42-4

3 POTENTIALLY HAZARDOUS COMPONENTS

None known.

EXPOSURE LIMITS: 5 MG/M3 (as a TWA) for bitumen fumes.

4 HAZARDS IDENTIFICATION

EFFECTS OF OVEREXPOSURE: Skin irritation.

5 FIRST AID MEASURES

EYE CONTACT:	Generally, eye contact with asphalt material is unlikely. Flush thoroughly with water for at least 15 minutes. Obtain medical assistance immediately. If assistance is not immediately available continue flushing the eye for at least 15 more minutes.
SKIN CONTACT:	Dry wipe the skin. Cleanse the contact area with waterless handcleaner or soap and water as soon as practicable. Continue to flush well with water. Remove contaminated clothing and launder before re-use.
INHALATION:.	Trace quantities of Hydrogen Sulphide may be present in C170 or C320 based coldmix asphalt. If respiratory irritation, dizziness, nausea, or unconsciousness occurs immediately remove the victim from further exposure. Seek medical assistance or call an ambulance if no improvement is observed.
INGESTION:	Practically non toxic. Do not induce vomiting. Give large quantities of water or milk. Do not give anything by mouth to an unconscious person. Obtain medical attention or call an ambulance.

6 FIRE AND EXPLOSION HAZARD

EXTINGUISHING MEDIA: Dry Chemical, Foam, CO₂, only. Water will cause excessive foaming.

Fire/Explosion hazard	N/A if mix temperature is below 240 degrees C.
Flash point	>240 degrees C
Flammability limits	LEL Not Applicable. UEL Not Applicable.

7 ACCIDENTAL SPILL OR LEAKAGE MEASURES

PROCEDURE IF MATERIAL IS RELEASED OR SPILLED: Remove solid material by shovel.

WASTE MANAGEMENT: May be disposed of in any approved waste disposal facility.

8 REACTIVITY DATA

Stability DATA:	Stable to light, heat at ambient conditions.
Conditions to Avoid:	Extreme heat, oxidisers.
Hazardous decomposition products:	HCL, h2s, sulphur oxides, CO.
Hazardous polymerisation:	NIL

9 EXPOSURE CONTROLS / PERSONAL PROTECTION

RESPIRATORY PROTECTION:	Should not be an issue outside - no special requirements under ordinary conditions of use and with adequate ventilation. Do not heat the asphalt and prevent workers from deliberately inhaling the fumes.
EYE PROTECTION:	Safety goggles or glasses should be worn.
SKIN PROTECTION:	Impervious gloves should be worn if prolonged contact may occur.
OTHER:	Avoid prolonged, repeated skin contact and breathing mists or vapours.

9 SPECIAL PRECAUTIONS

HANDLING:	Avoid inhalation of bitumen vapours.
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11 TOXICOLOGICAL DATA

NO KNOWN HARMFUL EFFECTS:

ORAL TOXICITY (Bitumen only): Practically non-toxic (LD50 > 2000 mg/kg)

DERMAL TOXICITY: Practically non-toxic

INHALATION TOXICITY (Bitumen only): Not established

EYE IRRITATION (Bitumen only): Practically non irritating.

SKIN IRRITATION: Practically non irritating.

12 REGULATORY INFORMATION

AUSTRALIAN CLASSIFICATIONS:

1 UN NUMBER:	Not applicable
2 HAZCHEM:	Not applicable

3 CLASS:

Not applicable

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