

INSTANT**BITUMEN**

9 C.B. Fisher Drive
CAVAN S.A. 5094

Telephone: (08) 8359 7777

Facsimile: (08) 8359 4011

Email: info@instantbitumen.com.au

Web Site: <http://www.instantbitumen.com.au>

MATERIAL SAFETY DATA SHEET

PRODUCT: INSTANT BITUMEN 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 SA 5094

PRODUCT

INFORMATION: PH: 08 8359 7777 FAX: 08 8359 4011

USE OR DESCRIPTION: Bitumen based coldmix asphalt

2. COMPOSITION/TYPICAL CHEMICAL AND PHYSICAL PROPERTIES

APPEARANCE: Black – aggregate mixture

FLASHPOINT: >240 C

SOFTENING POINT: 45-50 C for the bitumen base

SOLUBILITY IN WATER: NIL

All components are registered in accordance with the Australian inventory of chemical substances.

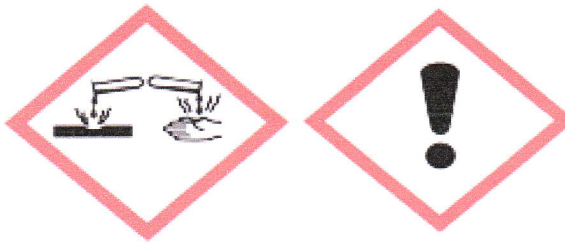
ASPHALT

(PETROLEUM): CAS Number 8052-42-4

3. POTENTIALLY HAZARDOUS COMPONENT

NONE KNOWN

EXPOSURE LIMITS: 5MG/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 another 15 minutes.

SKIN CONTACT: Dry wipe the skin. Cleanse the contact area with waterless hand cleanser 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 C230 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

EXTINGUISH MEDIA: Dry chemical, foam and CO₂ only. Water will cause excessive foaming.

FIRE/EXPLOSION

HAZARD: N/A if mix temperature is below 240 C
FLASH POINT: >240 C
FLAMMABILITY LIMITS: LEL N/A
UEL N/A

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 CONTROLS/PERSONAL PROTECTION

REPIRATORY 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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10. 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

11. REGULATORY INFORMATION

AUSTRALIAN CLASSIFICATION:	
UN NUMBER:	N/A
HAZCHEM:	N/A
CLASS:	N/A

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