



SAFETY DATA SHEET

EZ STREET® COLD ASPHALT

1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY / UNDERTAKING

PRODUCT NAME	EZ Street® Cold Asphalt
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2 HAZARD IDENTIFICATION

Not regarded as a health or environmental hazard under current legislation.
This material does not meet the criteria for classification as dangerous in accordance with Directive 1999/45/EC.

3 COMPOSITION / INFORMATION ON INGREDIENTS

Name	EC No.	CAS No.	Content	PEL (PPM)	TLV (PPM)
Petroleum Asphalt Base	232-490-9	8052-42-4	2-8%	5 ^{*(1)}	5 ^{*(1)}
Whinstone	215-279-6	1317-65-3	91-97%	10 ^{*(2)}	10 ^{*(2)}
Petroleum Solvent	270-676-1	68476-34-6	1-3%	500 N/E ^{*(3)}	---

^{*(1)} As fumes

^{*(2)} Total dust

^{*(3)} NIOSH recommends a limit of 100mg/m³ – 8 hours time weighted average.

COMPOSITION COMMENTS

The Data Shown is in accordance with the latest EC Directives.

4 FIRST AID MEASURES

EYE CONTACT

Flush with large amounts of water for at least fifteen (15) minutes, lifting upper and lower lids, seek medical attention.

SKIN CONTACT

Immediately wash with soap and water. Remove contaminated clothing and wash before reuse. Seek medical attention if redness or itching develops and persists.

INHALATION

Remove to fresh air. If respiratory functions are impaired, obtain medical attention immediately and administer oxygen.

INGESTION

Do not induce vomiting. Keep person warm and quiet and obtain medical attention immediately. Aspiration of material into lungs due to vomiting can cause chemical pneumonitis which can be fatal.

COMMENT

Obtain medical attention immediately for any overexposure.

5 FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA

Carbon Dioxide, foam, dry chemical and water fog.

SPECIAL FIRE FIGHTING PROCEDURES

Wear self contained breathing apparatus with full face piece operation in positive pressure mode. Water or foam may cause frothing, which can violent and possibly life endangering, especially if sprayed into hot burning containers.

UNUSUAL FIRE AND EXPLOSION HAZARD

Avoid using water to prevent frothing. Never use welding or cutting torch on or near (even empty) because material (even residue) can ignite explosively. Carbon Monoxide and other organic compounds may be formed upon combustion.

PROTECTIVE MEASURES IN FIRE

Self contained breathing apparatus and full protective clothing must be worn in case of fire.

6 ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS

Refer to section 8 for personal protection details.

ENVIRONMENTAL PRECAUTIONS

Do not discharge onto the ground or into water courses.

SPILL CLEAN UP METHOD

Scoop up material into suitable container for reuse.

WASTE DISPOSAL METHOD

Use old or contaminated mix for base material.

7 HANDLING AND STORAGE

PRECAUTIONS FOR SAFE HANDLING

Avoid contact with skin and eyes.

Avoid eating, drinking and smoking when using the product.

Good personal hygiene is necessary. Wash hands and contaminated areas with water and soap before leaving the work site.

Dispose of used container properly according to national and local regulations.

PRECAUTIONS FOR SAFE STORAGE

Store in a cool and well-ventilated place.

8 EXPOSURE CONTROLS / PERSONAL PROTECTION

PROTECTIVE EQUIPMENT



ENGINEERING MEASURES

Well-ventilated area.

If handling in a confined area provide sufficient mechanical (general and/or local exhaust) ventilation to maintain exposure below TLV(s) [see section 3] and to prevent vapour accumulation.

RESPIRATORY EQUIPMENT

If ventilation is insufficient, suitable respiratory protection must be provided such as an approved amine and ammonia respiratory cartridge or approved air supplied breathing equipment.

HAND AND SKIN PROTECTION

Impervious clothing, protective gloves and shoes should be used.

EYE PROTECTION

Wear approved safety goggles

COMMENT

This product as with any chemical may enhance allergic conditions on certain people. Above results are based on similar product testing. No human exposure data is available. This product contains petroleum solvent. Materials similar to petroleum solvent have been shown to produce skin cancer in laboratory animals following repeated skin exposure without washing or removal.

9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE AND COLOUR

Black, coated stone

ODOUR

Characteristic with petroleum odour

PERCENT VOLATILE

(by volume) 0-4% ODOR

SPECIFIC GRAVITY

Greater than water

FLASH POINT

> 93 °C (200 °F) – Cleveland Tag Open Cup

BOILING POINT

Not Applicable

EVAPORATION RATE

Slower than Ether

UPPER/LOWER FLAMMABILITY OR EXPLOSIVE LIMITS

Unknown

VAPOUR DENSITY

Heavier than air

SOLUBILITY IN WATER AND SOLVENTS (MG/L)

Negligible

10 STABILITY AND REACTIVITY**STABILITY**

Stable under normal temperature conditions and recommended use.

CONDITIONS TO AVOID

Avoid heat, flames and other sources of ignition.

INCOMPATIBILITY (Materials to Avoid)

Avoid contact with strong acids, oxidizing agents and monoxide and other unknown organic compounds.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS

Thermal decomposition may produce carbon monoxide and other unknown organic compounds.

HAZARDOUS POLYMERIZATION

Will not occur.

11 TOXICOLOGICAL INFORMATION**SKIN CONTACT**

Prolonged or repeated contact can cause moderate irritation, dermatitis.

EYE CONTACT

Can cause severe irritation, redness, tearing and blurred vision.

INHALATION

Excessive inhalation of heated materials in an enclosed heated area may cause nausea, dizziness, weakness, headache, possible unconsciousness and even asphyxiation.

INGESTION

Can cause gastrointestinal irritation, nausea, vomiting, and /or diarrhoea. Ingestion is not anticipated in an industrial setting.

12 ECOLOGICAL INFORMATION**ECOTOXICITY**

The product components are not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

13 DISPOSAL CONSIDERATIONS**GENERAL INFORMATION**

Waste to be treated as controlled waste. Dispose to licenced waste disposal site in accordance with local Waste Disposal Authority and Regulations.

DISPOSAL METHOD

Dispose of waste and residues in accordance with local authority requirements.

14 TRANSPORT INFORMATION**GENERAL**

The product is not covered by international regulation on the transport of dangerous goods (IMDG, IATA, ADR, RID, ADN)

15 REGULATORY INFORMATION**RISK PHRASES**

NC Not classified.

SAFETY PHRASES

NC Not classified.

UK REGULATORY REFERENCES

The Control of Substances Hazardous to Health (Amendment) Regulations 2004 Chemicals (Hazard Information & Packaging) Regulations.

ENVIRONMENTAL LISTING

Control of Pollution Act 1974

EU DIRECTIVES

Dangerous Substance Directive 67/548/EEC. Dangerous Preparations Directive 1999/45/EC. Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, including amendments.

APPROVED CODE OF PRACTICE

Safety Data Sheets for Substances and Preparations.
Classification and Labelling of Substances and Preparations Dangerous for Supply.

NATIONAL REGULATIONS

Workplace Exposure Limits 2005 (EH40) The Carriage of Dangerous Goods and Use of Transportable Pressure Equipment Regulations 2007 (CDG 2007).

16 OTHER INFORMATION**GENERAL INFORMATION**

If further information on training is required contact Pelican Roads Services Limited.

REVISION DATE

23/01/2012

REV. NO./REPL. SDS GENERATED

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RISK PHRASES IN FULL

NC Not classified.

DISCLAIMER

The purpose of the above information is to describe the products only in terms of health and safety requirements. All chemicals may present unknown health hazards and should be used with caution. This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. It is the users obligation to evaluate and use this product safely and to comply with all applicable laws and regulations. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date specified.

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