

Material Safety Data Sheet

CS: 1.4.51

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Infosafe No™ LPSE2

Issue Date : July 2009

ISSUED by SLIMESOU

Product Name **FAST DRY SELF VULCANIZING CEMENT**

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name FAST DRY SELF VULCANIZING CEMENT
Product Code 16-450, 16-451, 16-452, 98-854, 98-855, 97-291
Company Name Slime South Pacific PTY LTD.
Address 39 Pinnacle Cres Flagstaff Hill
South Australia 5159 Australia
Emergency Tel. 08 8270 1011
Telephone/Fax Number Tel: 08 8296 4722
Fax: 08 8296 4122
Recommended Use Solvent-based self vulcanizing cement.

2. HAZARDS IDENTIFICATION

Hazard Classification HAZARDOUS SUBSTANCE.
DANGEROUS GOODS.
Hazard classification according to the criteria of NOHSC.
Dangerous goods classification according to the Australia Dangerous Goods Code.

Risk Phrase(s) R11 Highly flammable.
R36/38 Irritating to eyes and skin.
R50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R65 Harmful: may cause lung damage if swallowed.
R67 Vapours may cause drowsiness and dizziness

Safety Phrase(s) S16 Keep away from sources of ignition - No smoking.
S23(2) Do not breathe vapour.
S24/25 Avoid contact with skin and eyes.
S29 Do not empty into drains.
S33 Take precautionary measures against static discharges.
S36/37/39 Wear suitable protective clothing, gloves and eye/face protection.
S45 In case of accident or if you feel unwell seek medical advice immediately
S61 Avoid release to the environment. Refer to special instructions/safety data sheet.
S62 If swallowed, do not induce vomiting; seek medical advice immediately and show this container or label.
S9 Keep container in a well ventilated place.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients	Name	CAS	Proportion
	Naphtha (petroleum), hydrotreated light n-Heptane	64742-49-0 142-82-5	50-<80 % 10-<30 %
	Other ingredients determined not to be hazardous		Balance

4. FIRST AID MEASURES

Inhalation Remove the source of contamination or move the affected person to fresh air. Ensure airways are clear, and keep warm. Apply artificial respiration if not breathing. Seek medical attention.

Ingestion If swallowed, do NOT induce vomiting. Wash out mouth thoroughly with water. Seek medical attention.

Skin Wash affected area thoroughly with soap and water. Remove contaminated clothing and wash before reuse or discard. If symptoms develop seek medical attention.

Eye If in eyes wash out immediately with water. Continue flushing for several minutes until all contaminants are washed off completely. Seek medical attention.

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First Aid Facilities Eye wash station, safety shower and normal washroom facilities.

Advice to Doctor Treat symptomatically.

Other Information For advice in an emergency, contact a Poisons Information Centre (Phone Australia 13 1126; New Zealand 0800 POISON / 0800 764 766) or a doctor at once.

5. FIRE FIGHTING MEASURES

Suitable Extinguishing Media Extinguish fire with foam, dry chemical powder or carbon dioxide. Do not use water jet.

Hazards from Combustion Products Under fire conditions this product may emit toxic and/or irritating fumes including carbon monoxide and carbon dioxide.

Specific Hazards Highly flammable liquid. Vapour/air mixtures may ignite explosively. Vapours are heavier than air and can accumulate in low areas; they may travel a considerable distance to a source of ignition and flash back. Precautions should be taken to eliminate the build up of explosive mixtures.

Hazchem Code 3[Y]E

Precautions in connection with Fire Fire fighters should wear Self-Contained Breathing Apparatus (SCBA) and full protective clothing to prevent exposure to vapours, fumes or products of combustion. Water spray may be used to cool down heat-exposed material. If safe to do so, remove containers from path of fire. Do not allow run-off from fire fighting to enter drains or water courses.

6. ACCIDENTAL RELEASE MEASURES

Emergency Procedures Exclude sources of ignition and ventilate the area. Clear area of all unprotected personnel. Slippery when spilled. Avoid accidents, clean up immediately. Wear protective equipment to prevent skin and eye exposure and inhalation of vapours. Contain - prevent run off into drains and waterways. If necessary place non-combustible, inert absorbent material onto spillage. Use clean, non-sparking tools to collect the material and place into suitable labelled containers or drums for the subsequent recycling or disposal. Dispose of waste according to the applicable local and national regulations. If contamination of sewers or waterways occurs inform the local water authorities and EPA in accordance with local regulations.

7. HANDLING AND STORAGE

Precautions for Safe Handling Wear appropriate protective clothing and equipment to prevent inhalation, skin and eye contact. Handle and use the material in a well-ventilated area, away from sparks, flames and other ignition sources. Maintain a high level of personal hygiene when using the product, that is, always wash hands after handling, and before eating, drinking, smoking or using the toilet facilities.

Conditions for Safe Storage Store in a cool, dry, well-ventilated area away from sources of ignition, oxidising agents, foodstuffs, and out of direct sunlight. Have appropriate fire extinguishers available in and near the storage area. Take precautions against static electricity discharges. For information on the design of the storeroom, reference should be made to Australian Standard AS1940 - The storage and handling of flammable and combustible liquids. Reference should also be made to all applicable state and federal regulations.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

National Exposure Standards No exposure standards have been established for the mixture by the National Occupational Health & Safety Commission (NOHSC), Australia. However, over-exposure to some chemicals may result in enhancement of pre-existing adverse medical conditions and/or allergic reactions and should be kept to the least possible levels. The available exposure standards for the ingredients are as follows:

Australian National Occupational Health And Safety Commission (NOHSC) Exposure Standards:

Substance	TWA		STEL		NOTES
	ppm	mg/m ³	ppm	mg/m ³	
n-Heptane	400	1640	500	2050	-
Acetone	500	1185	1000	2375	-

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TWA (Time Weighted Average): The average airborne concentration of a particular substance when calculated over a normal eight-hour working day, for a five-day week.

STEL (Short Term Exposure Limit): The average airborne concentration over a 15 minute period which should not be exceeded at any time during a normal eight-hour workday.

No biological limit allocated.

Biological Limit Values**Engineering Controls**

Provide sufficient ventilation to keep airborne levels below the exposure limits. Where vapours or mists are generated, particularly in enclosed areas, and natural ventilation is inadequate, a flameproof exhaust ventilation system is required. Refer to AS 1940 - The storage and handling of flammable and combustible liquids and AS/NZS 2430.3.1:2004: Classification of hazardous areas - Examples of area classification - General, for further information concerning ventilation requirements.

Respiratory Protection

If engineering controls are not effective in controlling airborne exposure then an approved respirator with a replaceable organic vapour filter should be used. Reference should be made to Australian/New Zealand Standards AS/NZS 1715, Selection, Use and Maintenance of Respiratory Protective Devices; and AS/NZS 1716, Respiratory Protective Devices, in order to make any necessary changes for individual circumstances.

Eye Protection

Safety glasses with side shields or chemical goggles should be worn. Final choice of appropriate eye/face protection will vary according to individual circumstances. Eye protection devices should conform with Australian/New Zealand Standard AS/NZS 1337 - Eye Protectors for Industrial Applications.

Hand Protection

Wear laminated film, nitrile, neoprene or other suitable, impervious gloves. Final choice of appropriate gloves will vary according to individual circumstances i.e. methods of handling or according to risk assessments undertaken. Reference should be made to AS/NZS 2161.1: Occupational protective gloves - Selection, use and maintenance.

Body Protection

Suitable protective workwear, e.g. cotton overalls buttoned at neck and wrist. When large quantities are handled the use of plastic aprons and rubber boots is recommended. Industrial clothing should conform to the specifications detailed in AS/NZS 2919: Industrial clothing.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Milky liquid.
Odour	Light hydrocarbon odour.
Melting Point	Not available
Boiling Point	56-93°C
Solubility in Water	Partially soluble (<24%)
Specific Gravity	0.72 at 20°C
pH Value	Not available
Vapour Pressure	186 mmHg at 20°C
Vapour Density (Air=1)	>1
Evaporation Rate	2.8 (n-Butyl acetate=1)
Flash Point	-20.2°C
Flammability	Highly flammable liquid.
Auto-Ignition Temperature	>200°C
Flammable Limits - Lower	1.1% v/v
Flammable Limits - Upper	13.2% v/v

10. STABILITY AND REACTIVITY

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Product Name **FAST DRY SELF VULCANIZING CEMENT**

Chemical Stability	Stable under normal conditions of handling and storage.
Conditions to Avoid	Heat, direct sunlight, open flames or other sources of ignition.
Incompatible Materials	Strong oxidising agents.
Hazardous Decomposition Products	Thermal decomposition may lead to the emission of toxic and/or irritating fumes and gases including carbon monoxide and carbon dioxide.
Hazardous Polymerization	Will not occur.

11. TOXICOLOGICAL INFORMATION

Toxicology Information	No toxicity data are available for this specific product. The available data for the ingredients are as follows: For n-Heptane: LD50 (Oral, Rat) > 2,000 mg/kg
Inhalation	Inhalation of product vapours may cause drowsiness, dizziness and irritation of the nose, throat and respiratory system. Inhalation of high concentrations may result in adverse effects on the central nervous system.
Ingestion	Harmful - may cause lung damage if swallowed. Ingestion may cause nausea, vomiting, abdominal pain and CNS depression with symptoms including dizziness, drowsiness, confusion and possible unconsciousness. Solvent aspiration into the lungs may occur during ingestion or vomiting, resulting in severe lung injury or death.
Skin	Irritating to skin. Symptoms may include redness and itchiness. Repeated or prolonged skin contact may lead to dermatitis.
Eye	Irritating to eyes. Symptoms may include redness, excessive tearing, stinging and blurred vision.
Chronic Effects	Prolonged inhalation may cause central nervous system depression with symptoms including dizziness, drowsiness, nausea and headaches. Chronic exposure may have adverse effects on the central nervous system, liver and kidneys. Prolonged or repeated skin contact may cause defatting leading to drying and cracking of skin, and dermatitis.

12. ECOLOGICAL INFORMATION

Ecotoxicity	Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
Persistence / Degradability	Not available
Mobility	Not available
Bioaccumulative Potential	Not available
Environ. Protection	Prevent this material entering waterways, drains and sewers.

13. DISPOSAL CONSIDERATIONS

Disposal Considerations	The spilled or waste material must be disposed of in accordance with applicable local, state and federal regulations.
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14. TRANSPORT INFORMATION

Transport Information	Road and Rail Transport: This material is classified as a Class 3 (Flammable Liquid) Dangerous Good according to the Australian Code for the Transport of Dangerous Goods by Road and Rail (ADG Code). Dangerous goods of Class 3 (Flammable Liquid) are incompatible in a placard load with any of the following: - Class 1, Explosive - Class 2.1, Flammable Gas, if both the Class 3 and Class 2.1 dangerous goods are in bulk - Class 2.3, Toxic Gas - Class 4.2, Spontaneously Combustible Substance - Class 5.1, Oxidising Agent - Class 5.2, Organic Peroxide
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	- Class 6, Toxic and Infectious Substances, if the Class 3 dangerous goods are nitromethane
	- Class 7, Radioactive Substance
U.N. Number	1133
Proper Shipping Name	ADHESIVES
DG Class	3
Hazchem Code	3[Y]E
Packaging Method	3.8.3RT1
Packing Group	II
EPG Number	3A1
IERG Number	14

15. REGULATORY INFORMATION

Regulatory Information	Classified as Hazardous according to criteria of National Occupational Health & Safety Commission (NOHSC), Australia. Classified as a Scheduled Poison S5 according to the Standard for the Uniform Scheduling of Drugs and Poisons (SUSDP).
Poisons Schedule	S5
Hazard Category	Harmful, Irritant, Highly Flammable, Dangerous for the environment
AICS (Australia)	All of the components in this product are listed on the Australian Inventory of Chemical Substances.

16. OTHER INFORMATION

Date of preparation or last revision of MSDS	MSDS Reviewed: July 2009 Supersedes: May 2004
Contact Person/Point	Michael Cooper Emergency contact number : 08 8270 1011 ...End Of MSDS...

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