



NATIONAL ADHESIVE DISTRIBUTORS

CK 2000/063562/23 VAT No.: 4370194633

Head Office:
Phone: (031) 464 0273
93 Goodwood Road
Mahogany Ridge
Durban, 3608

Fax: (031) 464 0107
PO Box 28089
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JHB Branch:
Phone: (011) 021 4177
Unit 6, Hambleton Park
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Phone: (021) 801 4258
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Virginia, USA:
Phone: (+1) 571 340 4478
8280 Willow Oaks
Corporate Drive
Suite 600
Fairfax, VA, 22031

MATERIAL SAFETY DATA SHEET

SECTION 1. IDENTIFICATION OF THE PREPARATION AND THE COMPANY

Date: 30.1.2012

Product Name: **GLUEDEVIL LP PVC CEMENT**

Supplier: National Adhesive Distributors cc
93 Goodwood Road
Mahogany Ridge
Westmead
Durban

Emergency Phone: +27 31 4640273

Fax: +27 31 4640107

SECTION 2. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Family	Polyvinyl chloride solution		
	CAS NO	TLV	MASS%
Methyl Ethyl Ketone	78-93-3	200	50-70
Acetone	67-64-1	750	20-30
Tetrahydrofuran	109-99-9	200	0-10

SECTION 3. HAZARDS IDENTIFICATION

Main Hazard: Extremely Flammable.

Inhalation of concentrations of solvent vapour can lead to dizziness, nausea, and unconsciousness in extreme cases. The product has a degreasing effect on the skin. May form an explosive vapour/air mixture during use.



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SECTION 4. FIRST AID MEASURES

Inhalation	Move to fresh air. Keep warm and at rest. If necessary, apply oxygen or artificial respiration. If unconscious place patient in a stable position on his side and seek medical assistance.
Eye contact	Flush with large quantities of water for 15 minutes. Seek medical assistance if the condition persists.
Skin contact	Remove contaminated clothing. Wash thoroughly with water and soap. If irritation persists, consult an eye specialist.
Oral Ingestion	Do not induce vomiting. Call medical assistance immediately. Allow patient to rest.

SECTION 5. FIRE CONTROL MEASURES

Extinguishing media:	Alcohol Foam, Carbon Dioxide, Dry Chemical
Unsuitable:	Water jet, except to cool overheated containers
Protective Clothing:	Suitable respirators
Special Hazards:	Avoid exposure to decomposition products. Keep stock cool or remove from danger area to prevent containers from bursting or exploding.

SECTION 6. MEASURES ON ACCIDENTAL RELEASE OF SUBSTANCES

Eliminate all sources of ignition, provide ventilation, isolate the spill area, and use absorbent material to mop up the spilled material. Clean-up personnel should wear rubber gloves and respiratory protection.

SECTION 7. HANDLING AND STORAGE

Handling	Solvent vapour may form an explosive mixture with air. The vapours are heavier than air and may spread across the floor. Use only in well-ventilated area. Avoid all sources of ignition, naked flames, smoking, incandescent material, sparks, and electric motors, switches, and equipment that has not been spark-proofed. Avoid inhaling vapours, and contact with eyes and skin. Do not eat or smoke during use and wash hands before breaks and before finishing work.
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Storage Comply with local regulations for storing flammable liquids. Store in a dry, well ventilated place. Protect from sunlight and avoid temperatures above 50 degrees C. Avoid contact with oxidizing agents, and strong acids and basis.

SECTION 8. PERSONAL PROTECTION / EXPOSURE CONTROLS

- Technical measures:** Use only in well ventilated areas or apply forced ventilation.
- Personal Protection Respiratory Tract:** If ventilation is inadequate use a suitable respirator.
- Hands:** Avoid skin contact, otherwise wear rubber gloves.
- Eyes:** Wear safety goggles if splashes are likely.
- Skin:** Wear suitable overalls or protective clothing.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

- Appearance:** Transparent moderately viscous solution.
- Odour:** Sharp solvent
- Solids content:** 25-35%
- pH:** Not applicable (non-aqueous)
- Boiling Range:** 56-112 degrees C.
- Flash Point:** Degrees C – 17 (TCC)
- Auto flammability:** Does not occur
- Explosive Properties:** Air and vapour may form explosive mixtures.
- Flammable limits in air by volume:** Upper: 12.8%
Lower: 1.1%
- Oxidizing Properties:** None
- Relative Density:** 0.88% - 0.92kg/l
- Water Soluble:** 40-60% m/m
- Solvent Soluble:** 100% in tetrahydrofuran or key tones
- Evaporation rate:** Faster than butyl acetate



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Vapour Pressure: 246 mbar @ 20 deg. C

Vapour Density: Heavier than air

SECTION 10. STABILITY AND REACTIVITY

Stability: Stable

Conditions to avoid: Heat, poor ventilation, corrosive atmospheres

Materials to avoid: Alkaline materials, strong acids, oxidizing agents.

Hazardous Decomposition Products: Carbon monoxide, Carbon dioxide, hydrogen chloride. Possibly phosgene.

Hazardous Polymerization: Will not occur.

SECTION 11. TOXICOLOGICAL INFORMATION

Inhalation of high concentration of solvent vapour can have a slightly narcotic effect, and irritate the mucous membranes and respiratory organs. Symptoms may include headache, dizziness, fatigue, muscular weakness, drowsiness, or loss of consciousness.

SECTION 12. ECOLOGICAL INFORMATION

No experimental data exists regarding the product as such.

SECTION 13. DISPOSAL CONSIDERATIONS

Eliminate all sources of ignition, provide ventilation and isolate the spill area. Use absorbent material e.g. sand, sawdust to mop up spilled material. Collect absorbent material into metal containers and dispose of in accordance with all applicable hazardous waste regulations.

SECTION 14. TRANSPORT INFORMATION

UN no.: 1133

Transport by land ADR/RID (cross border/internal).

IMDG Shipping Name: Adhesives

IMDG Class: 3.2

IMDG Packing Group: II



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IMDG Marine Pollutant: Yes
IMDG EMS no: 3 - 05
IMDG MFAG table no.: 330

SECTION 15. REGULATORY INFORMATION

Protect from sunlight and do not expose to temperatures exceeding 50 degrees C. Keep away from sources of ignition. No smoking. Labelling instructions

Symbol F+ Flame
Contains
R-sentences 12 extremely flammable.
S – sentence 16 Keep away from sources of ignition. No smoking.
23 Do not inhale vapour.
51 Use only in well ventilated spaces

SECTION 16. OTHER

This information relates only to the substance described herein and is based on present knowledge and experience in our possession as we are unfamiliar with the conditions of use, which lie outside our control. This Material Safety Data Sheet describes the product with a view to safety requirements and is not intended as technical product information, nor as any guarantee or indication of quality of the product. The user is at all times responsible for taking the necessary steps to meet the local laws and regulations and to establish suitability for their application.

REVISED MAY 2018