



NATIONAL ADHESIVE DISTRIBUTORS cc

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
Malvern
4055

JHB Branch:
Phone: (011) 021 4177
Unit 6, Hambleton Park
98 Richards Drive, Halfway House
Midrand, JHB, 1686

Fax: 086 544 8866/
086 544 8877
PO Box 8599
Halfway House
Midrand, 1685

CPT Branch:
Phone: (021) 801 4258
Unit B19, Icon Park
Fourie Street, Brackenfell
Cape, 7560

Fax: 086 547 5373/
086 527 1045
PO Box 761
Brackenfell
7561

MATERIAL SAFETY DATA SHEET

SECTION 1. PRODUCT IDENTIFICATION

Product Name: Glue Devil Contact Adhesive

Product Codes: GD 1000 CONTACT

Supplier: National Adhesive Distributors cc

93 Goodwood Rd. P.O. Box 28089

Mahogany Ridge Malvern

Durban 4055

Fax: 27314640107

Emergency Phone: 082 903 2746 (Shane)

DESCRIPTION

Polychloroprene solvent based adhesive.

APPEARANCE

Thick yellow liquid, having a characteristic hydrocarbon odour.

TYPICAL PROPERTIES

Non-volatiles, % m/m	25
Density, g/ml at 20°C	0.87
Viscosity, mPa s at 23°C	3800 – 4200

PACKAGING

200ml bottle



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SAFETY, HANDLING AND STORAGE

Store in a dry, well-ventilated area. Avoid exposure to sunlight and heat, and storage periods in excess of 12 months.

SECTION 2. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Entity:	Solvents	
	CAS NO	MASS%
Benzine:	64742-89-8	20-30
Toluene:	108-88-3	30-50
2-Butanone:	78-93-3	3-6

SECTION 3. HAZARDS IDENTIFICATION

Main Hazard: Highly flammable.

Health effects: Irritant to eyes, De-fatting agent to skin, vapours cause drowsiness. High concentrations of vapour cause asphyxia and narcosis. Respiratory irritant.

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.

Oral Ingestion: Do not induce vomiting. Call medical assistance immediately.

SECTION 5. FIRE-FIGHTING MEASURES

Extinguishing Media: Foam, dry chemical or carbon dioxide extinguishers

Protective Clothing: Suitable respirators

Special Hazards: Avoid exposure to decomposition products, Carbon monoxide and Carbon dioxide.
Keep tins cool with water to avoid explosions or flash ignition.



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SECTION 6. ACCIDENTAL RELEASE MEASURES

Isolate the spill area, and use absorbent material to mop up the spilled material. Clean-up personnel should wear rubber gloves eye wear and respiratory protection. Avoid contamination of water ways. Allow good ventilation to avoid vapour build up.

SECTION 7. HANDLING AND STORAGE

Handling Avoid contact with eyes and skin. Do not eat or smoke during use and wash hands before breaks and before finishing work. Keep containers firmly closed when not in use.

Storage: Store in a dry, well ventilated place. Protect from sunlight and avoid temperatures above 40 degrees C. Avoid contact with oxidizing agents.

SECTION 8. PERSONAL PROTECTION / EXPOSURE CONTROLS

Technical Measures: Use only in well ventilated areas or apply forced ventilation.

Occupational exposure limits: Toluene TWA 8 HOURS 100ppm. STEL 15 MINS. 150ppm.
Benzene TWA 8 HOURS 100ppm. STEL 15 MINS. 150ppm.

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 splashing is likely.
- Skin:** Wear suitable overalls or protective clothing.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Yellow viscous liquid

Odour: Hydrocarbon solvent Solids Content: 22-27%

pH: n/a

Boiling Range: 10 - 40 degrees C



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Flash Point: Degrees C – 20
Explosive Properties: Non
Flamable limits in air by volume:
Upper: 7.5%
Lower: 1.0%
Oxidising Properties: Non
Relative Density: 0.86 - 0.88kg/l
Water Soluble: Immiscible
Solvent Soluble: Yes
Evaporation Rate: Faster than water

SECTION 10. STABILITY AND REACTIVITY

Stability: Stable
Conditions to avoid: Sources of heat and ignition, open flames.
Materials to avoid: Oxidizing agents.
Hazardous Decomposition Products: Carbon monoxide and dioxide.
Hazardous polymerization: Will not occur.

SECTION 11. TOXICOLOGICAL INFORMATION

Acute toxicity: LD50 > 2000mg/kg (oral, rat)
LD50 > 2000mg/kg (dermal, rabbit)
LC50 > 20mg/L/4 hours (inhalation, rat) Skin and eye contact: Irritant to skin and eyes.
Chronic toxicity: The liquid substance is toxic to blood, kidneys, lungs, liver. But not toxic to CNS.
Carcinogenicity: No carcinogenic effects were observed.
Neurological effects: No neurotoxicity observed.



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Mutagenicity: The product tested negative in a series of mutagenic tests.
Teratogenicity: Levels greater than 1500ppm may adversely affect foetal development. The above data relates to the product in the liquid state. Once the solvent has evaporated the resulting film is non-toxic.

SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity:

Fish expected to be toxic (Salmon) LC/EC50: 8.1mg/l at 96 hours.

Aquatic invertebrates expected to be toxic (Daphnia) LC/EC50: 6mg/l at 48 hours.

(Green algae) LC/EC50: 9.4mg/l at 8 hours.

Persistence/degradability: Readily biodegradable. Oxidises rapidly by photo-chemical reactions in air.

Mobility: Floats on water. Adsorbs to soil and has low mobility.

Bioaccumulation: Has the potential to bio accumulate.

SECTION 13. DISPOSAL CONSIDERATIONS

Provide ventilation, and isolate the spill area. Keep ignition sources away. Use absorbent material e.g. sand, saw dust, 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: Adhesive containing flammable liquid.

IMDG Class: 3

IMDG Packing Group: II

IMDG Marine Pollutant: Yes

IMDG EMS No.: 3-07

IMDG MFAG table no.: 310



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SECTION 15. REGULATORY INFORMATION

Protect from sunlight and do not expose to temperatures exceeding 40 degrees C.

Indication of danger:

Xi – Irritant



Risk phrases:

- R11 Highly flammable
- R20 Harmful by inhalation ☒ R36 Irritating to eyes.
- R66 Repeated exposure may cause skin dryness or cracking.
- R67 Vapours may cause drowsiness and dizziness.

Safety phrases:

- S2 Keep out of the reach of children.
- S9 Keep container in well ventilated place.
- S16 Keep away from sources of ignition.
- S25 Avoid contact with eyes.
- S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
- S46 If swallowed, seek medical advice immediately and show this container or label.
- S51 Use only in well-ventilated areas.

SECTION 16. OTHER

For intended use and applications see the Technical Data Sheet for the product. The information provided in this Material Safety Data Sheet is based on the present state of our knowledge. This data is intended to enable safety assessments to be



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made and should not be construed as guaranteeing specific properties. Recipients of our product must take responsibility for observing existing laws and regulations.

Risk Phrases	R10	Flammable.
	R11	Highly flammable.
	R12	Extremely flammable.
	R20/21	Harmful by inhalation and in contact with skin.
	R36	Irritating to eyes.
	R38	Irritating to skin.
	R48/20	Harmful: danger of serious damage to health by prolonged exposure through inhalation.
	R50/53	Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
	R51/53	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
	R62	Possible risk of impaired fertility.
	R65	Harmful: may cause lung damage if swallowed.
	R66	Repeated exposure may cause skin dryness or cracking.
	R67	Vapours may cause drowsiness and dizziness.
Safety Phrases	S9	Keep container in a well-ventilated place.
	S16	Keep away from sources of ignition - No smoking.
	S24	Avoid contact with skin.
	S36/37/39	Wear suitable protective clothing, gloves and eye/face protection.
	S51	Use only in well-ventilated areas.
	S57	Use appropriate containment to avoid environmental contamination.
	S60	This material and its container must be disposed of as hazardous waste.
	S61	Avoid release to the environment. Refer to special instructions/safety data sheets.
S2	Keep out of the reach of children.	



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Legal Disclaimer:

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REVISED JULY 2017