



WATER TECHNOLOGY PLASTIC INDUSTRIES (PTY) LTD

Co Reg No: 97/00690/07 / VAT Reg No: 4080164488

PO Box 4793 - Rivonia - 2128 - JOHANNESBURG RSA

Std 24, No 50 Kya Sand Road, KYA SAND - RANDBURG - RSA

Tel: +27 11 708 3691/3 Fax: +27 11 708 3695

E-MAIL: wtpi@icon.co.za

MATERIAL SAFETY DATA SHEET

uPVC PRESSURE CEMENT/WELD

CHEMICAL ABSTRACT No: 108-94-1/109-99-9

CHEMICAL FAMILY	Ketone	NIOSH No	N/A
CHEMICAL NAME	N/A	HAZCHEM CODE	N/A
SYNONYMS	N/A	UN No	2056/1915

COMPOSITION	
HAZARDOUS COMPONENTS	Oxygenated Solvent Blend
EEC CLASSIFICATION	Not Available
R PHASES	11-19-36/37 and 10-20

HAZARDS IDENTIFICATION

MAIN HAZARD	Flammability
FLAMMABILITY HAZARD	Extremely Flammable
BIOLOGICAL HAZARD	Not Available
REPRODUCTION HAZARD	Not Available
CHEMICAL HAZARD	Forms explosive air-vapour mixtures
HEALTH EFFECT - Skin	Irritation, Rash , Redness
HEALTH EFFECT - Ingestion	Abdominal Cramps, Cough, Headache, Drowsiness
HEALTH EFFECT - Inhalation	Cough, Headache, Drowsiness, Nausea
HEALTH EFFECT - E yes	Irritation, Redness, Pain

FIRST AID MEASURES

EYES	Flush with water for at least 15 minutes - call a doctor
SKIN	Remove all contaminated clothing. Flush skin with water or shower. Refer to doctor if necessary.
INGESTION	Rinse mouth. Do not induce vomiting. Call a doctor or take to hospital.
INHALATION	Remove to fresh air. Rest. Apply artificial respiration if breathing has stopped. Call a doctor.



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FIRE FIGHTING MEASURES

EXTINGUISHING MEASURES	Powder, alcohol resistant foam, large quantities of water or carbon dioxide
SPECIAL HAZARDS	In case if fire, keep tank/drums cool by spraying with water
PROTECTIVE CLOTHING	Wear fire-resistant clothing

ACCIDENTAL RELEASE MEASURE

PERSONAL PRECAUTIONS	Use suitable breathing apparatus. Restrict access to area during clean up
ENVIRONMENTAL PRECAUTIONS	Ensure spillage does not enter drainage, sewers etc...
SMALL SPILLS	Soak up with sand or other inert absorbent and remove to a safe place
LARGE SPILLS	Collect in sealable containers and remove to a safe place

HANDLING & STORAGE

HANDLING	Adequate personal protective clothing/equipment - respirator overalls, gloves and safety boots are recommended
STORAGE	Keep product in cool well ventilated places away from oxidising agents and flames



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EXPOSURE CONTROL/PERSONAL PROTECTION

OCCUPATIONAL EXPOSURE LIMITS	TLV-TWA-200 ppm-590mg/m ³
ENGINEERING CONTROL MEASURES	Require sealed machinery, ventilation, explosion-proof electrical equipment and lighting. Use non-sparking tools.
	Keep vapor levels below TLV levels
PERSONAL PROTECTION Respiratory	Ventilation, local exhaust or respiratory protection
PERSONAL PROTECTION Hand	Wear Rubber Gloves
PERSONAL PROTECTION Eyes	Wear Safety Goggles
PERSONAL PROTECTION Skin	Wear protective clothing and use gloves
OTHER PROTECTION	Wear apron for extensive use

PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	Clear gel like liquid
ODOUR	Characteristic solvent odour
pH	N/A
BOILING POINT	70 degrees celsius
MELTING POINT	minus 32.1 degrees celsius
FLASH POINT	minus 6 degrees celsius
FLAMMABILITY	Extremely flammable
AUTOFLAMMABILITY	505 degrees celsius
EXPLOSIVE PROPERTIES	Limits 1,8 - 11,5 (Vol % in air)
OXIDISING PROPERTIES	Reacts with strong oxidising agents
VAPOUR PRESSURE	80mm Hg at 20 degrees celsius
DENSITY	0.83
SOLUBILITY - Water	29g/100ml at 20 degrees celsius
SOLUBILITY - Solvent	Miscible with most solvents
SOLUBILITY Co-efficient	Not Available
NEUROTOXICITY	Not Available



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STABILITY AND REACTIVITY

CONDITIONS TO AVOID	Open flames and sparks
INCOMPATIBLE MATERIALS	Oxidising agents and mineral acids
HAZARDOUS DECOMPOSITION	Carbon Dioxide, Carbon monoxide
PRODUCTS	

TOXICOLOGICAL INFORMATION

ACUTE TOXICITY	Not available
SKIN AND EYE CONTACT	Absorbed through skin and also causes redness. Eye contact causes irritation, redness and pain
CHRONIC TOXICITY	Liver and kidney damage in animals
CARCINOGENICITY	Not available
MUTAGENICITY	Not available
REPRODUCTIVE HAZARDS	Not available

ECOLOGICAL INFORMATION

AQUATIC TOXICITY - Fish	Not Available
AQUATIC TOXICITY - Daphnia	Not Available
AQUATIC TOXICITY - Algae	Not Available
BIODEGRADABILITY	Not Available
BIO-ACCUMULATION	Not Available
MOBILITY	Not Available

DISPOSAL CONSIDERATIONS

DISPOSAL METHODS	According to local regulations only under strictly controlled and supervised conditions
DISPOSAL OF PACKAGING	Consult local authorities



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TRANSPORTATION INFORMATION

UN No	2056/1915
SUBSTANCE IDENTITY NUMBER	UPVC Solvent Cement Pressure
ADR/RID CLASS	Not available
ADR/RID ITEM NO	Not available
ADR/RID HAZARD Identity No	Not available
IMO - HAZARD CLASS & DIVISION	3.2
IMO - UN	1915
IMO - Packaging Group	PG 11
IATA - Shipping Name	Solvent Cement
IATA - Packaging Group	PG 11
IATA - Labels	Flammable Liquid
ADMR - Class	Not available
UK - Description	Not available
UK - Emergency Action Class	Not available
UK - Classification	Not available

REGULATORY INFORMATION

EEC HAZARD CLASSIFICATION	Not available
RISK PHRASES	11 - 36/37
SAFETY PHRASES	9-16-25-33
NATIONAL LEGISLATION	Not available

OTHER INFORMATION

The data presented herein corresponds to the present state of our knowledge and experience and is intended to describe our product with respect to safety demands. We imply, however, no guarantee of properties or description of qualities.

All information is given in good faith but without guarantee in respect of accuracy. No responsibility is accepted for errors or omissions or the consequences thereof.