



MATERIAL SAFETY DATA SHEET

ALPHA 132 B & W

Revised Date: June 2011

Page 1 of 5

MODIFIED by HOLDTITE AUSTRALIA

SECTION 1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name: ALPHA 132B & 132W
Other Names: ALPHA 132
Use: One Part Polyurethane Adhesive/Sealant
Part Number: 132B-310 (Black 310mls) 132W-310 (White 310mls)
Supplier: Holdtite Australia Pty Ltd
Address: 21 Heath Street
Lonsdale, South Australia, 5160
Emergency Tel: +61 1300 552 680
Telephone: +61 8 8186 0844
Fax: +61 8 8186 0252

Emergency Contact Name:
Emergency Contact Address: See Above Address

Other Information: The information below is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This Company shall not be held liable for any damage resulting from handling or from contact with the above product.

SECTION 2. HAZARDOUS IDENTIFICATION

Risk Phrases R42/43 may cause sensitization by inhalation.

Safety Phrases S23 Do not breathe vapour/spray
S38 In case of insufficient ventilation, wear suitable respiratory equipment
S45 In case of accident or if you feel unwell, seek medical advice immediately (show label where possible)
P4 Contains isocyanates. See information supplied by the manufacturer.

**MATERIAL SAFETY DATA SHEET****ALPHA 132 B & W**

Revised Date: June 2011

Page 2 of 5

MODIFIED by HOLDTITE AUSTRALIA

SECTION 3. COMPOSITION/INFORMATION OF INGREDIENTS

Name	EC No	Cas-No	Content	Classification
Diphenylmethane-4,4 – di-isocyanate	202-966-0	101-68-8	>1%	Xn;R20 R42/43 Xi;R36/37/38
Distillates (Petroleum), hydrotreated light; kerosene – unspecified	265-149-8	64742-47-8	1-5%	Xn;R65
Xylene	215-535-7	1330-20-7	1-5%	R10 Xn;R20/21 Xi;R38

SECTION 4. FIRST AID MEASURES

General Information	Remove affected person from source of contamination
Inhalation	Provide fresh air, warmth and rest, preferably in a comfortable upright sitting position. Get medical attention if any discomfort continues.
Skin Contact	Remove contaminated clothing immediately and wash skin with soap and water.
Eye Contact	Promptly wash eyes with plenty of water while lifting the eye lids. Contact physician if discomfort continues

SECTION 5. FIRE FIGHTING MEASURES

Extinguishing Media	Extinguish with foam, carbon dioxide or dry powder
Specific Hazards	Fire creates: Vapours/gases/fumes of: Carbon monoxide (CO). Oxides of: Nitrogen. Isocyanate vapours
Protective Measures	Use air-supplied respirator during fire fighting

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal Precautions	Provide adequate ventilation.
Environmental Precautions	Do not discharge into drains, water courses or onto the ground.
Spill clean up methods	Provide ventilation and confine spill. Do not allow runoff to sewer.



MATERIAL SAFETY DATA SHEET

ALPHA 132 B & W

Revised Date: June 2011

Page 3 of 5

MODIFIED by HOLDTITE AUSTRALIA

SECTION 7. HANDLING AND STORAGE

Storage Precautions Keep away from heat, sparks and open flame.

Storage Class Store in cool, well ventilated areas with the container tightly closed

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Name	Std	LT-ppm	LT-mg.m3	ST-ppm	ST-mg/m3
Diphenylmethane-4.4 – Di-isocynate	WEL		0.02 mg/m3 (Sen)		0.07 mg/m3 (Sen)
Xylene	WEL	50 ppm(Sk)	220 mg/m3(Sk)	100 ppm(Sk)	441 mg.m3(Sk0)

Ingredient Comments WEL = Workplace exposure limits
Engineering Measures Provide adequate ventilation
Respiratory Equipment If ventilation is insufficient, suitable respiratory protection must be provided.
Hand Protection Rubber Glove are recommended
Eye Protection Wear approved safety glasses
Hygiene Measures No specific hygiene procedures noted, but good personal hygiene practices are always advisable, especially when working with chemicals. DO NOT SMOKE IN WORK AREA.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance Paste
Colour Grey Black White / off white
Odour Mild
Solubility Insoluble with water
Boiling Point 137 760 mm HG
Relative Density 1.17 20
Flash Point oC 40-55CC (Closed cup)
Flammability Limit – Lower(%) 0.6
Flammability Limit – Upper (%) 8

SECTION 10. STABILITY AND REACTIVITY

Stability Stable under normal temperature conditions and recommended use

Conditions to avoid Isocyanates react with water amines and acids with generation of heat. In the case of water, carbon dioxide is evolved and closed containers may rupture due to pressure increase if contaminated with moisture.



MATERIAL SAFETY DATA SHEET

ALPHA 132 B & W

Revised Date: June 2011

Page 4 of 5

MODIFIED by HOLDTITE AUSTRALIA

SECTION 11. TOXICOLOGY INFORMATION

Inhalation	May cause sensitization by inhalation
Skin Contact	Skin irritation is not anticipated when used normally
Eye Contact	No specific health warnings noted

SECTION 12. ECOLOGICAL INFORMATION

Mobility	No known effects. There is no ecological data available relating to this preparation however the product should not be allowed to enter drains or watercourses or deposited where it can effect ground or surface waters.
Water Hazard Classification	Class 2 (self assessment)

SECTION 13. DISPOSAL CONSIDERATIONS

Disposal Methods	Dispose of waste and residues in accordance with local authority requirements
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SECTION 14. TRANSPORT INFORMATION

General	The product is not covered by international regulation on the transport of dangerous goods (IMDG, IATA, ADR/RID) No transport warning sign required.
Marine Pollutant	No

SECTION 15. REGULATORY INFORMATION

Labeling	Harmful
Contains	Diphenylmethane-4,4'-Di-isocyanate
UK Regulatory References	The Control of Substances Hazardous to Health Regulations 1988.
Environmental Listing	Control of Pollution Act 1974
EU Directives	System of specific information relating to Dangerous Preparations 2001/58/EC
Statutory Instruments	Control of Substance Hazardous to Health
Approved Code of Practice	Classification and labeling of substances and preparations dangerous for supply
Guidance Notes	Workplace exposure limits EH40



MATERIAL SAFETY DATA SHEET

ALPHA 132 B & W

Revised Date: June 2011

Page 5 of 5

MODIFIED by HOLDTITE AUSTRALIA

SECTION 16. OTHER INFORMATION

Information Sources	Dangerous Properties of Industrial Materials Report, N.Sax et.al
Risk Phrases in full	
R10	Flammable
R20	Harmful by inhalation
R20/21	Harmful by inhalation and in contact with skin
R36/37/38	Irritating to eyes, respiratory system and skin.
R38	Irritating to skin
R42/43	May cause sensitization by inhalation and skin contact
R65	Harmful: May cause lung damage if swallowed

CONTACT POINT

Technical Contact
Numbers: Head Office Tel: 1300 552 680

****End of MSDS****