



HOLDIT[®]

**MATERIAL SAFETY DATA SHEET
HOLDIT M5060**

Revised Date: June 2011

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MODIFIED by HOLDTITE AUSTRALIA

SECTION 1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name: HOLDIT M5060

Other Names: M5060

Use: Structural Bonding of metals, composites and plastics

Part Number: M5060-400 (400ml)

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
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

Highly flammable. Irritating to eyes, respiratory system and skin. May cause sensitization by skin contact.

CLASSIFICATION: Xi; R36/37/38, R43, R; R11.

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SECTION 3. COMPOSITION/INFORMATION OF INGREDIENTS

Chemical Name	EC No.	CAS No.	Content	Classification
Cumene Hydroperoxide	201-254-7	80-15-9	<1%	O;R7 T;R23 C;R34 Xn;R21/22, R48/20/22 N; R51/53
Defoamer			<1%	Xi;R38 N;R51/53 R10, R67
Ethanedoil	203-473-3			Xn;R22
Impact Modifier			1-5%	R43
Methacrylic Acid	201-204-4	79-41-4	1-5%	C;R35 Xn; R21/22
Methyl Methacrylate	201-297-1	80-62-6	60-100%	F;R11 R43 Xi;R37/38
Para Toluene Sulfonyl Chloride	202-684-8	98-59-9	1-5%	C;R34
Amine Aldehyde		34562-31-7	1-5%	Xn;R22 Xi;R38
Quinone	203-405-2	106-51-4	<1%	T;R23/25 Xi;R36/37/38 N;R50

SECTION 4. FIRST AID MEASURES**General Information:** Move the exposed person to fresh air at once. Get medical attention if any discomfort continues.**Inhalation** Move the exposed person to fresh air at once. Provide rest, warmth and fresh air. Get medical attention if any discomfort continues.**Eye Contact** Remove victim immediately from source of exposure. Make sure to remove any contact lenses from the eyes before rinsing. Immediately flush with plenty of water for up to 15 minutes. Remove any contact lenses and open eyes wide apart. Get medical attention if any discomfort continues.**Skin Contact** Remove affected person from source of exposure. Remove contaminated clothing. Wash the skin immediately with soap and water. Get medical attention if irritation persists after washing.**Ingestion** DO NOT INDUCE VOMITING. Rinse mouth thoroughly. Provide rest, warmth and fresh air. Get medical attention immediately.**SECTION 5. FIRE FIGHTING MEASURES****Extinguishing Media** Use fire-extinguishing media appropriate for surrounding materials.**Special Fire fighting procedures** Avoid breathing for vapours. Cool containers exposed to flames with water until well after the fire is out. Keep run-off water out of sewers and water sources. Dike for water control.**SECTION 6. ACCIDENTAL RELEASE MEASURES****Spill cleanup methods** Cleanup personnel should use respiratory and/or liquid protection. Absorb in vermiculite, dry sand or earth and place into containers.**SECTION 7. HANDLING AND STORAGE****Usage Precautions** Avoid spilling, skin and eye contact. Keep away from heat, sparks and open flame. Ventilate well, avoid breathing vapours. Use appropriate respirator if air contamination is above accepted level.**Storage Precautions** Flammable/combustible – Keep away from oxidizers, heat and flames. Store in tightly closed original container in a dry, cool and well ventilated place. Keep in original container.

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SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

NAME	STD	TWA-8hrs		STEL -15 min		NOTES
Defoamer	WEL	20ppm		50ppm		
Ethenediol	WEL		52mg/m3(Sk)		104mg/m3(Sk)	
Methacrylic Acid	WEL	20ppm	72mg/m3	40ppm	143mg/m3	
Methyl Methacrylate	WEL	50ppm	208mg/m3	100ppm	416mg/m3	
Para Toluene Sulfonyl Chloride					5mg/m3	
Quinone	OES	0.1ppm	0.45mg/m3	0.3ppm	1.3mg/m3	

WEL= Workplace Exposure Limit

Protective Equipment:	Safety glasses and gloves
Engineering Measures:	Well-ventilated area
Hand Protection:	Use protective gloves
Eye Protection:	Wear approved safety goggles.
Other Protection:	Wear appropriate clothing to prevent any possibility of liquid contact and repeated or prolonged vapour contact.
Hygiene Measures:	Wash at the end of each work shift and before eating, smoking and using the toilet. Wash promptly if skin becomes contaminated. Promptly remove any clothing that becomes contaminated. Use appropriate skin cream to prevent drying of skin. When using do not eat, drink or smoke.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES**Information on basic physical and chemical properties**

Appearance	Viscous Paste
Colour	White/off-white
Odour	Characteristic
Relative Density	0.9-1.0 20
Flash Point(°C)	11.5CC (Closed Cup)
Viscosity	120,000-150,000cps 20

SECTION 10. STABILITY AND REACTIVITY

Stability	Stable under normal temperature conditions.
Conditions to Avoid	Avoid heat. Avoid contact with oxidizers or reducing agents.
Hazardous Decomposition products	Fire Crates: Toxic gases/vapours/fumes of: Carbon Dioxide (CO ₂). Carbon Monoxide (CO)

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SECTION 11. TOXICOLOGY INFORMATION

Inhalation	Irritating to respiratory system
Ingestion	May cause stomach pain and vomiting
Skin Contact	Irritating to skin
Eye Contact	Irritating to eyes.

SECTION 12. ECOLOGICAL INFORMATION

Not regarded as dangerous to the environment.

SECTION 13. DISPOSAL CONSIDERATIONS**General Information** Local and national regulations. This material and its container must be disposed of in a safe way.**SECTION 14. TRANSPORT INFORMATION**

ADR/RID	The product is not classified as dangerous for carriage.
IMDG	The product is not classified as dangerous for carriage.
IATA	The product is not classified as dangerous for carriage.

SECTION 15. REGULATORY INFORMATION

UN ROAD CLASS:	3	UK ROAD PACK GR:	II
PROPER SHIPPING NAME:	ADHESIVES	ADR CLASS:	Class 3: Flammable liquids
UN No. ROAD:	1133	HAZARD No. (ADR):	33
ADR CLASS No:	3	HAZCHEM CODE:	3YE
ADR PACK GROUP:	II	RID CLASS No:	3
ADR LABEL No:	3	UN No. SEA:	1133
CEFIC TEC(R) No:	30GF1-I+II, 30GF1-sp	IMDG PACK GR:	II
RID PACK GROUP:	II	MFAG:	See guide
IMDG CLASS:	3	UN No. AIR:	1133
EMS:	F-E, S-D	AIR PACK GR:	II
MARINE POLLUTANT:	No.		
AIR CLASS:	3		

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SECTION 15. REGULATORY INFORMATION Cont...**LABELLING**

Irritant



Highly Flammable

CONTAINS:

IMPACT MODIFIER

METHYL METHACRYATE

RISK PHRASES:

R11: Highly Flammable

R36/37/38: Irritating to eyes, respiratory system and skin.

R43: May cause sensitization by skin contact.

SAFETY PHRASES:

S9: Keep container in a well ventilated place.

S16: Keep away from sources of ignition. No smoking.

S24/25: Avoid contact with skin and eyes.

S26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S37: Wear suitable gloves

S51: Use only in well ventilated areas.

Statutory Instruments:

Chemicals (Hazard Information and Packaging) Regulations. Control of substances Hazardous to health.

Approved Code of Practice:

Classification and Labeling of Substances and Preparations Dangerous for Supply.

Guidance Notes:

Workplace Exposure Limits EH40. Introduction to Local Exhaust Ventilation HS(G)37.

CHIP for everyone HSG (108)

SECTION 16. OTHER INFORMATION**CONTACT POINT****Technical Contact****Number:**

Head Office Tel: 1300 552 680

End of MSDS