



**HOLDIT**  
MATERIAL SAFETY DATA SHEET  
**HOLDIT M5020**

Revised Date: June 2011

Page 1 of 5

MODIFIED by HOLDTITE AUSTRALIA

**SECTION 1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER**

**Product Name:** HOLDIT M5020  
**Other Names:** N/A  
**Use:** Structural Bonding of metals, composites and plastics  
**Part Number:** M5020-25 (25mls), M5020-50(50mls), M5020-400(400mls)  
**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**

**Symptoms and Effects** May cause sensitization by skin contact. Irritating to eyes and respiratory system.  
**Classification** Xi, R36/37/38, R43, F;R11  
**Proper Shipping Name** Adhesives  
**UN No. Road** 1133  
**DG Class** 3



**HOLDIT<sup>®</sup>****MATERIAL SAFETY DATA SHEET  
HOLDIT M5020**

Revised Date: June 2011

Page 2 of 5

MODIFIED by HOLDTITE AUSTRALIA

**SECTION 3. COMPOSITION/INFORMATION OF INGREDIENTS****Ingredients**

<u>Name</u>	<u>EC No.</u>	<u>CAS</u>	<u>Content</u>	<u>Classification</u>
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
Ethanediol	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	<0.1	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.**Ingestion:** DO NOT INDUCE VOMITING! Rinse mouth thoroughly. Provide rest, warmth and fresh air. Get medical attention immediately.**Skin Contact:** Remove affected person from source of contamination. Remove contaminated clothing. Wash the skin immediately with soap and water. Get medical attention if irritation persists after washing.**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 and keep eyes wide apart. Get medical attention if any discomfort continues.**SECTION 5. FIRE FIGHTING MEASURES****Extinguishing****Media:** Use suitable extinguishing media for the surrounding environment.**Fire/Exposure****Hazards:** Avoid breathing fire 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.**Hazchem Code:** None allocated**SECTION 6. ACCIDENTAL RELEASE MEASURES**

Clean-up personnel should use respiratory and/or liquid contact protection. Absorb in vermiculite, dry sand and place into containers.

**HOLDIT<sup>®</sup>****MATERIAL SAFETY DATA SHEET****HOLDIT M5020**

Revised Date: June 2011

Page 3 of 5

MODIFIED by HOLDTITE AUSTRALIA

**SECTION 7. HANDLING AND STORAGE**

**Handling:** Avoid spilling, skin and eye contact. Keep away from heat, sparks and open flame. Ventilate well, avoid breathing vapours. Use approved respirator if air contamination is above accepted level.

**Storage:** 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.

**SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

<u>Name</u>	<u>Std</u>	<u>TWA-8hrs</u>		<u>STEL – 15mins</u>	
Defoamer	WEL	20ppm		50ppm	
Ethanediol	WEL		52mg/m <sup>3</sup> (Sk)		104 mg/m <sup>3</sup> (Sk)
Methacrylic Acid	WEL	20ppm	72mg/m <sup>3</sup>	40ppm	143 mg/m <sup>3</sup>
Methyl Methacrylate	WEL	50ppm	208 mg/m <sup>3</sup>	100ppm	416 mg/m <sup>3</sup>
Para Toluene Sulfonyl Chloride					5 mg/m <sup>3</sup>
Quinone	OES	0.1ppm	0.45 mg/m <sup>3</sup>	0.3ppm	1.3 mg/m <sup>3</sup>

<b>WEL</b>	Workplace Exposure Limit.
<b>Ingredient Comments:</b>	No exposure limits noted for ingredient(s).
<b>Protective Equipment:</b>	Protective gloves and safety glasses
<b>Engineering Measures:</b>	Well-ventilated area
<b>Hand Protection:</b>	Use Protective Gloves
<b>Eye Protection:</b>	Wear approved safety goggles
<b>Other Protection:</b>	Wear appropriate clothing to prevent any possibility of liquid and repeated or prolonged vapour contact.
<b>Hygiene Measures:</b>	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**

<b>Colour:</b>	White/off-white
<b>Flash Point:</b>	11.5CC (Closed Cap)
<b>Relative Density:</b>	0.9-1.0 20
<b>Viscosity:</b>	120,000-150,000 cps 20
<b>Odour:</b>	Characteristic

**HOLDIT®****MATERIAL SAFETY DATA SHEET  
HOLDIT M5020***Revised Date: June 2011*

Page 4 of 5

MODIFIED by HOLDTITE AUSTRALIA

**SECTION 10. STABILITY AND REACTIVITY**

- Stability:** Stable under normal conditions of temperature and pressure
- Conditions to Avoid:** Avoid heat. Avoid contact with oxidisers or reducing agents.
- Incompatible Materials:** Keep away from strong oxidising agents, acids and alkalies. Strong reducing agents destabilize this product.
- Hazardous Decomposition Products:** Fire creates: Toxic gases/vapours/fumes of: Carbon Dioxide (CO<sub>2</sub>). Carbon Monoxide(CO).

**SECTION 11. TOXICOLOGY INFORMATION****HEALTH EFFECTS**

- Acute - Swallowed:** May cause stomach pain and vomiting.
- Acute – Eye** May be an eye irritant. May cause watering of eyes.
- Acute – Skin** Contact with skin may result in irritation.
- Acute – Inhaled** may cause irritation to the nose and throat

**SECTION 12. ECOLOGICAL INFORMATION**

Not regarded as dangerous to the environment.

**SECTION 13. DISPOSAL CONSIDERATIONS**

- Disposal** Dispose of waste and residues in accordance with local authority requirements.

**SECTION 14. TRANSPORT INFORMATION**

<b>UK Road Class</b>	3	<b>UK Road Pack Gr.</b>	II
<b>Proper Shipping Name</b>	Adhesives	<b>ADR Class</b>	Class 3: Flammable Liquid
<b>UN No. Road</b>	1133	<b>Hazard No. (ADR)</b>	33
<b>ADR Class No</b>	3	<b>Hazchem Code</b>	3YE
<b>ADR Pack Group</b>	II	<b>RID Class No</b>	3
<b>ADR Label No</b>	3	<b>UN No. SEA</b>	1133
<b>Cefic Tec(R) No</b>	30GF1-I+II, 30GF1-sp	<b>IMDG Pack Gr.</b>	II
<b>RID Pack Group</b>	II	<b>MFAG</b>	See Guide
<b>IMDG Class</b>	3	<b>UN No. Air</b>	1133
<b>EMS</b>	F-E, S-D	<b>Air Pack Gr.</b>	II
<b>Marine Pollution</b>	No		
<b>Air Class</b>	3		



## MATERIAL SAFETY DATA SHEET

### HOLDIT M5020

Revised Date: June 2011

Page 5 of 5

MODIFIED by HOLDTITE AUSTRALIA

#### SECTION 15. REGULATORY INFORMATION

<b>Contains</b>	IMPACT MODIFER METHYL METHACRYLATE
<b>Risk Phrases</b>	R11 Highly Flammable R36/37/38 Irritating to eyes, respiratory system and skin. R43 May cause sensitization by skin contact R10 Flammable R21/22 Harmful in contact with skin and if swallowed. R23 Toxic by inhalation R23/25 Toxic by inhalation and if swallowed R34 Causes burns R35 Causes severe burns R48/20/22 Harmful: danger of serious damage to health by prolonged exposure through inhalation and if swallowed. R50 Very toxic to aquatic organisms R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in them aquatic environment. R52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment. R67 Vapours may cause drowsiness and dizziness R7 May cause fire.
<b>Safety Phrases</b>	S9 Keep container in a well ventilated place. S16 Keep away from source of ignition – No Smoking. S24/25 Avoid contact with skin and eyes. S26 Avoid contact with eyes. Rinse immediately with plenty of water and seek medical advice. S37 Wear suitable gloves. S51 use only in well ventilated areas.
<b>Statutory Instruments</b>	Chemicals (Hazardous Information and Packaging) Regulations. Control of Substance Hazardous of Heath.
<b>Approved Code of Practice</b>	Classification and labeling of Substances and Preparations Dangerous of Supply.
<b>Guidance Notes</b>	Workplace Exposure Limits EH40. Introduction to Local Exhaust Ventilation HS(G)37. CHIP for everyone HSG(108)

#### SECTION 16. OTHER INFORMATION

**Information Sources** Dangerous Properties of Industrial Materials Report. N.Sax et.al.

#### CONTACT POINT

Technical Contact

Numbers: Head Office Tel: 1300 552 680

\*\*End of MSDS\*\*