

**MATERIAL SAFETY DATA SHEET**Supplied By:

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**Section 1 PRODUCT IDENTITY**

**Label Name:** White Primer  
**CAS #:** N/A  
**Trade Name:** A-1104-B-05MBP  
**Product Class:** Solvent Adhesive

**Section 2 COMPONENT HAZARD DATA**

<b>Ingredients</b>	<b>CAS Number</b>	<b>Weight (%)</b>	<b>Exposure Limits</b>		<b>VP mm Hg</b>
			<b>ACGIH/TLV</b>	<b>OSHA/PEL</b>	
Methyl Ethyl Ketone	78-93-3	25.	200 ppm STEL = 300 ppm	200 ppm 300 ppm	70.6
Toluene(skin)	108-88-3	30.	50 ppm STEL =	100 ppm 150 ppm	22.1
Butyl Alcohol (skin)	71-36-3	< 5.	50 ppm	100 ppm	8.8
Methyl Methacrylate	80-62-6	< 1.	100 ppm	100 ppm	0
Acrylic copolymer	Proprietary	15.	N.E.	N.E.	0
Titanium dioxide	13463-67-7	< 5.	10 mg/M3	10 mg/M3	N/A
Ethyl Acetate	141-78-6	< 5.	400 ppm	400 ppm	86
Ethanol	67-17-5	20.	1000 ppm	1000 ppm	40
Isopropyl Alcohol	67-63-0	< 5.	400 ppm STEL = 500 ppm	400 ppm 500 ppm	33
Formaldehyde	50-00-0	< 0.1	0.3 ppm STEL = 0.3 ppm	0.75 ppm 2 ppm	0
LISTED BY IARC AS PROBABLY CARCINOGENIC TO HUMANS LISTED BY NTP AS REASONABLY ANTICIPATED TO BE CARCINOGENIC LISTED BY OSHA AS A CARCINOGEN					
Phenolic Resin	9039-25-2	< 5.			0

\*\*\*ALL INGREDIENTS IN THIS PRODUCT ARE LISTED IN THE T.S.C.A. INVENTORY\*\*\*

N.E. = Not Established

**Section 3 PHYSICAL & CHEMICAL PROPERTIES**

**Boiling Point:** 171-231° Fahrenheit (77-111° Celsius)      **Specific Gravity:** 0.89556  
**Vapor Pressure:** (listed individually in Section 2 above)      **Percent Volatile:** Vol. 87%      wt 80%  
**Solubility in water:** Lighter than water.      **Melting Point:** N/A  
**Vapor Density:** Heavier than air.      **Evaporation Rate:** 4.6 x n-Butyl Acetate  
**Appearance and Odor:** Thin, white liquid with a sweet odor.      **V.O.C.:** 740 G/L  
**Weight per gallon:** 7.46 pounds

**Section 4 FIRE & EXPLOSIVE HAZARD DATA**

**Flash Point:** 10° Fahrenheit (-12° Celsius)      TCC LEL: 1.40%      UEL: 19.00%  
**Flammability Limits:** Upper: 19.00%      Lower: 1.40%

Abbreviations: N/D - Not Determined    N/A - Not Applicable    N/F - Not Found    N.E. - Not Established  
WHITE PRIMER

**Flammability Class:** 1B**Extinguishing Media:** Water Fog, Carbon Dioxide, Foam, Dry Chemical.

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**Section 4 FIRE & EXPLOSIVE HAZARD DATA (continued)**

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**Special Fire Fighting Procedure:** Do not enter confined fire space without proper protective equipment including NIOSH approved self-contained breathing apparatus.**Unusual fire and explosive hazards and physical hazards:** Vapors may build up in poorly ventilated areas and be ignited, causing flash fires or explosions. Vapors are heavier than air and may travel along ground or floor to source of ignition, causing flash fires or explosions.

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**Section 5 REACTIVE DATA**

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**Stability:** Stable**Conditions to avoid:** See above**Incompatibility:** Strong oxidizing agents**Hazardous decomposition products:** Carbon dioxide, carbon monoxide, smoke, aliphatics, and others.**Hazardous polymerization:** Will not occur

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**Section 6 HEALTH EFFECTS OF EXPOSURE**

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**Eyes:** May cause irritation, or corneal clouding.**Skin:** May cause defatting or dermatitis**Ingestion:** Aspiration into lungs may cause chemical pneumonitis**Inhalation:** Nose and throat irritation headache, nausea, loss of coordination, dizziness, unconsciousness, and even asphyxiation.**Chronic effects:** May include kidney and liver damage and dermatitis**NOTICE:** Reports have associated repeated and prolonged occupational over-exposure to solvents with permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal.

Embryo/fetotoxic effects have been observed in laboratory rates exposed to over 1000 ppm methyl ethyl ketone for most of gestation period.

Medical conditions aggravated by exposure:.....none known.

**Health Hazard Data****Primary Routes of Entry:** Inhalation, skin, eyes, and ingestion**Published Exposure Limits:** See section 2**Listed as Carcinogen:** See section 2.**Effects of Overexposure:** See Health effects of exposure above.**Emergency and First Aid Procedures****Inhalation:** Remove to fresh air, if not breathing, give artificial respiration, preferable mouth to mouth, if breathing difficult give oxygen, call a physician at once.**Skin:** Remove contaminated clothing and launder before reuse. Wash affected area with plenty of soap and water.**Eye contact:** Flush with plenty of water for at least 15 minutes (hold eye lids open) longer if there is indication of residual material in eye.**Ingestion:** Call a physician immediately. Induce vomiting only at the instructions of a physician. Never give any thing by mouth to an unconscious person.

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**Section 7 SPILL OR LEAK PROCEDURES**

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**Steps to be taken in case the material is released or spilled:** Eliminate all ignition sources, provide adequate ventilation, avoid breathing vapors, avoid eye and skin contact. Wipe up with rags, paper or other absorbent. Place in suitable closed containers for disposal.**Waste disposal method:** This material if discarded, is hazardous and must be properly stored, transported, and disposed of in accordance with applicable, local, state, and federal regulations.

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**Section 8 RECOMMENDED CONTROL MEASURES**

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**Respiration Protection:** For air contaminants above TLV or permissible limits use NIOSH-approved respirator for organic vapors.**Ventilation:** Local exhausts to keep vapors below TLV or permissible limits.**Protective Gloves:** Impervious.**Eye Protection:** Chemical goggles.**Other Protective Equipment:** Eye wash and safety shower near by.

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**Section 9 SPECIAL PRECAUTIONS**

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**Precautions to be taken in handling or storage:** Use only in well ventilated area. Eliminate all sources of ignition such as sparks, flames, and non-explosion proof devices. Avoid prolonged or repeated skin contact or breathing of vapors for industrial use only, keep out of the reach of children. Store in tightly closed containers, in a cool dry place, away from

*Section 9***SPECIAL PRECAUTIONS (continued)**

all sources of ignition and heat. Large containers should be grounded and interconnected to prevent static build up during transfer operations. Empty containers of this material may be hazardous since they may contain residual liquid, vapors or dust.

In addition to any listed precautions, you should consult your occupational safety and health specialist to insure that the handling procedures will be adequate and in compliance with applicable laws and regulations.

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*Section 10***TRANSPORTATION DATA**

**DOT:** N/D

**VOC:** 740 G/L

**SARA Title III Section 313:**

**This product contains the following toxic chemicals subject to the reporting requirements of section 313 of the Emergency Planning and Community Right To Know Act of 1986 and 40 CFR 372:**

<u>CAS #</u>	<u>Chemical Name</u>	<u>Percent by Weight</u>
78-93-3	Methyl Ethyl Ketone	< 50.
108-88-3	Toluene (skin)	< 50.
71-36-3	Butyl Alcohol (skin)	< 5.
80-62-6	Methyl Methacrylate	< 1.
50-00-0	Formaldehyde	< 1.

**PROP 65 (carcinogen):** Warning: This product contains a chemical known to the state of California to cause cancer.

<u>CAS #</u>	<u>Chemical Name</u>
50-00-0	Formaldehyde

Product may contain trace amounts of California Proposition 65 listed chemicals

**PROP 65 (teratogen):** Warning: This product contains a chemical know to the state of California to cause cancer or birth defects or other reproductive harm

<u>CAS #</u>	<u>Chemical Name</u>
	none

**PROP 65 (both carcinogen and teratogen):** WARNING: This product may contain a chemical known to the state of California to cause cancer or birth defects or other reproductive harm

<u>CAS #</u>	<u>Chemical Name</u>
	none

*Section 11***PRECAUTIONARY LABELING**

<b>HMIS RATING:</b>	Health	2
	Flammability	3
	Reactivity	0
	Personal Protection	J

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