

**Blast Products, Inc.**  
P.O. Box B, 204 State Street, Madison, Illinois 62060

**MATERIAL SAFETY DATA SHEET**  
Emergency Telephone # 1/800/343/2116

PRODUCT NAME:	Windshield Solvent -20° F	DATE:	January 22, 2002
PRODUCT CODE:			
FORMULA:	A Methanol / Water Mixture		
CHEMICAL FAMILY:	Alcohol		
CHEMICAL NAME AND SYNONYMS:			

**SECTION I HAZARDOUS INGREDIENTS**

<u>Ingredients</u>	<u>Percent</u>	<u>TLV</u>
Methanol	38.0	AC GIH TWA 200ppm (skin)

**SECTION II HEALTH HAZARDS**

THRESHOLD LIMIT VALUE: As indicated in Section I

POTENTIAL EFFECTS OF  
EXPOSURE –

EYES:	Visual impairment
SKIN:	Prolonged or repeated contact leading to absorption to produce intoxicating effect(s) as well as dermatitis
INHALATION:	Mild intoxication which may become severe after 12 to 18 hours
INGESTION:	Can produce blindness at a level of 400-1000 ppm
CHRONIC TOXICITY:	Human Oral 1360/kg

FIRST AID –

EYES:	Wash eyes immediately with running water. Get medical attention
SKIN:	Remove contaminated clothing. Wash affected area with soap and water. If irritation persists, get medical attention
INHALATION:	Move to fresh air. Restore/support breathing as necessary. Get medical attention. Prevent exposure to methanol for 7 days
INGESTION:	Get medical attention immediately; induce vomiting with syrup of Ipecac or finger at back of throat (if conscious). Have victim drink milk or water after vomiting.

OTHER INFORMATION: None

**SECTION III SPECIAL PROTECTIVE MEASURES**

RESPIRATORY PROTECTION:	Use a NIOSH/MSHA approved respirator where spray or mist may be generated
VENTILATION REQUIRED:	Local exhaust to meet TLV requirement
PROTECTIVE CLOTHING:	Impervious aprons, boots and face shield where splashing may occur
ADDITIONAL PROTECTIVE MEASURES:	Safety glasses, rubber gloves

**SECTION IV FIRE AND EXPLOSION HAZARD DATA**

FLASH POINT:	110° F
FLAMMABLE LIMITS –	
UPPER:	180
LOWER:	25

EXTINGUISHING MEDIA: Carbon dioxide, dry chemical, water mist or fog  
 SPECIAL FIRE FIGHTING PROCEDURES: Firefighters should use breathing apparatus with full face shield  
 UNUSUAL FIRE AND EXPLOSION HAZARDS: Moderate explosion hazard and dangerous fire hazard when exposed to heat, sparks or flame

<b>SECTION V</b>	<b>PHYSICAL DATA</b>
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BOILING POINT (1atm ° F)	150° F:
SPECIFIC GRAVITY (H <sub>2</sub> O=1) @ 60/60° F:	0.936 g/cc
VAPOR PRESSURE (mm hg):	97
VAPOR DENSITY (Air=1):	1.1
EVAPORATION RATE (Butyl Acetate = 1):	5.9
SOLUBILITY IN WATER:	Complete
PERCENT VOLATILE BY VOLUME:	100%
pH (1% Solution):	8.0
APPEARANCE AND ODOR:	Clear liquid with characteristic alcohol odor

<b>SECTION VI</b>	<b>REACTIVITY DATA</b>
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STABILITY:	Stable
INCOMPATIBILITY (Conditions to Avoid):	Strong oxidizing agents such as nitrates, perchlorates, aluminum, zinc, reactive metals
HAZARDOUS DECOMPOSITION PRODUCTS:	Carbon monoxide, formaldehyde may be released in fire
HAZARDOUS POLYMERIZATION:	Will not occur

<b>SECTION VII</b>	<b>SPILL AND LEAK PROCEDURES</b>
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<b>SECTION VIII</b>	<b>DOT SHIPPING INFORMATION</b>
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PROPER SHIPPING NAME:	N/A
HAZARD CLASS:	N/A
ID NUMBER:	N/A
LABEL REQUIREMENTS:	N/A
REPORTABLE QUANTITY:	N/A
OTHER INFORMATION:	None

<b>SECTION IX</b>	<b>ADDITIONAL INFORMATION</b>
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Minimize skin contact. Wash with soap and water before eating, drinking, smoking or using toilet facilities. Safety shower, eye bath and washing facilities should be available.

The information provided in this material safety data sheet has been obtained from sources believed to be reliable.

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Blast Products Inc. knows of no medical condition, other than those noted on this material safety data sheet, which are generally recognized as being aggravated by exposure to this product.