



\*Estimate  
 N/A-Not Applicable  
 N/R-Not Restricted  
 N/E-Not Established

## MATERIAL SAFETY DATA SHEET

<b>NOTE: BLANK SPACES ARE NOT PERMITTED. IF ANY ITEM IS NOT APPLICABLE, THE SPACE MUST BE MARKED TO INDICATE THAT.</b>						
<b>IDENTITY</b> (As shown on Label or package) VYNA BOND 12oz. only (F-824)				<b>PART NO.</b> <b>IF APPLICABLE</b>		
<b>SECTION I</b>						
<b>MANUFACTURER'S NAME</b> Plasti Dip International Inc.				<b>EMERGENCY PHONE No.</b> USA only: 1-800-424-9300 INT'L: 703-527-3887		
<b>ADDRESS (NUMBER, STREET, CITY, STATE AND ZIP CODE)</b> 3920 Pheasant Ridge Drive  Blaine, MN 55449				<b>REVISION #</b> 0003		
				<b>MANUFACTURER'S PHONE No. FOR INFORMATION</b> 1-763-785-2156		
				<b>DATE MSDS WAS PREPARED</b> May 25, 2007		
<b>SECTION II - HAZARDOUS INGREDIENTS INFORMATION. All Health Hazards which comprise 1% or greater of the composition and all carcinogens if 0.1% of the composition or greater.</b>						
<b>HAZARDOUS COMPONENTS CHEMICAL and IDENTITY AND COMMON NAME (S)</b>		<b>% Wt. (OPTIONAL)</b>	<b>CAS NO.</b>	<b>OSHA PEL</b>	<b>ACGIH TLV</b>	<b>OTHER LIMITS RECOMMEND</b>
Methyl Ethyl Ketone		76.1	78-93-3	200 ppm	200 ppm	None
p-Chlorobenzotrifluoride		4.8	98-56-6	N/E	N/E	None
Dimethylformamide		3.6	68-12-2	30 mg/m <sup>3</sup>	30 mg/m <sup>3</sup>	None
<b>SECTION III - PHYSICAL / CHEMICAL CHARACTERISTICS</b>						
<b>BOILING POINT</b> 175 – 307°F		<b>SPECIFIC GRAVITY (H<sub>2</sub>O =1)</b> 0.85		<b>APPROXIMATE WEIGHT PER GALLON (LBS)</b> 7.10		
<b>VAPOR PRESSURE</b> 78 mmHg @ 20°C		<b>VAPOR DENSITY (AIR = 1)</b> Heavier than air		<b>EVAPORATION RATE (BUTYL ACETATE =1)</b> >1.0		
<b>SOLUBILITY IN WATER</b> Insoluble		<b>% VOLATILE</b> 79.7% <b>VOC LBS./GAL</b> 5.7		<b>OTHER (IF ANY)</b>		
<b>APPEARANCE AND ODOR</b> Milky white syrupy liquid, strong odor.						
<b>SECTION IV-FIRE AND EXPLOSION HAZARD DATA</b>						
<b>FLASH POINT (METHOD USED)</b> 23.0°F TCC		<b>FLAMMABLE LIMITS</b>		<b>LEL</b> 0.9	<b>UEL</b> 15.2	
<b>EXTINGUISHING MEDIA</b> Carbon Dioxide, Dry Chemical, or Foam						
<b>SPECIAL FIRE FIGHTING PROCEDURES</b> Self contained breathing apparatus with a full face piece, operated in pressure demand or other positive pressure mode.						
<b>UNUSUAL FIRE AND EXPLOSION HAZARDS</b> This material is flammable and may be ignited by heat, sparks, flame or static electricity.						
<b>HAZARDOUS PRODUCTS FORMED BY FIRE OR THERMAL DECOMPOSITION</b> Carbon Dioxide and/or Carbon Monoxide						
<b>EXPLOSIVE LIMITS (% BY VOLUME IN AIR)</b> 0.9 – 15.2						
<b>SECTION V - OPTIONAL HAZARD RATINGS IDENTIFICATION</b>						
<b>HAZARD RATING</b> 4-EXTREME 3-HIGH 2-MODERATE 1-SLIGHT 0-INSIGNIFICANT **SEE SECTION IV			<b>National Fire Protection Association (NFPA)</b>  <b>FIRE</b> <u>3</u> <b>REACTIVITY</b> <u>0</u> .  <b>HEALTH</b> <u>2</u> <b>SPECIAL HAZARDS</b> <u>None</u> .			

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<b>SECTION VI - REACTIVITY AND STABILITY DATA</b>		
<b>STABILITY</b>	UNSTABLE	STABLE X

<b>INCOMPATIBILITY (Materials to Avoid)</b> Strong acids, bases, oxidizing agents, selected amines with alkali metals and halogens.			
<b>HAZARDOUS DECOMPOSITION OR BY PRODUCTS</b>			
<b>HAZARDOUS POLYMERIZATION</b>	<b>MAY OCCUR</b> WILL NOT OCCUR X	<b>CONDITIONS TO AVOID</b> May be ignited by heat, sparks, flame or static electricity	
<b>SECTION VII - HEALTH HAZARD DATA</b>			
<b>ROUTES OF ENTRY</b>	<b>INHALATION?</b> YES	<b>SKIN?</b> YES	<b>INGESTION?</b> YES <b>EYES?</b> YES
<b>HEALTH HAZARDS</b>	<b>ACUTE</b> X		
	<b>CHRONIC</b> X		
<b>CARCINOGENICITY:</b> No			
<b>SIGNS AND SYMPTOMS OF EXPOSURE</b>			
Headache, Dizziness, Drowsiness, Fatigue, Irregular Heartbeat, Skin and Eye Irritation.			
<b>MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE</b>			
<b>EMERGENCY AND FIRST AID PROCEDURES</b>			
Ingestion: Contact Physician or Poison Control Immediately.			
Inhalation: Remove to fresh air. Administer Oxygen or Artificial Respiration if Necessary.			
Eye Contact: Flush with large amounts of water. If irritation persists, contact Physician.			
Skin: Wash with soap and water.			
<b>SECTION VIII - PRECAUTIONS FOR SAFE HANDLING AND USE</b>			
<b>STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED</b>			
Floor may be slippery, use care to avoid falling. Dike and contain spill with inert material (sand/earth).			
Transfer liquid to containers for recovery or disposal. Keep spills and runoff out of municipal sewers and open bodies of water.			
If large spill, Notify appropriate state and local agencies.			
<b>WASTE DISPOSAL METHODS</b> Dispose of product in accordance with local, county, state and federal regulations.			
<b>PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE</b>			
Avoid eye contact with eyes. Keep container closed. Use with adequate ventilation. Keep away from sparks, flame and heat Sources and store in a cool area. Avoid inhalation of vapors and personal contact with liquid product.			
Use good personal hygiene practices.			
<b>OTHER PRECAUTIONS</b>			
Keep Container Closed When Not In Use. Containers should be disposed of in an environmentally safe manner in accordance with Governmental Regulations.			
<b>SECTION IX - CONTROL MEASURES</b>			
<b>RESPIRATORY PROTECTION (SPECIFY TYPE)</b> Depending on the Airborne concentration, use a Respirator with appropriate NIOSH approved cartridge or supplied air equipment.		<b>PROTECTIVE GLOVES</b> Impervious Gloves	
<b>VENTILATION</b>	<b>LOCAL EXHAUST</b> Supplemental (if needed)	<b>SPECIAL</b> None	
	<b>MECHANICAL (GENERAL)</b> To maintain exposure below PEL's	<b>OTHER</b> None	
<b>EYE PROTECTION</b> Chemical splash goggles, or approved eye protection.		<b>OTHER PROTECTIVE CLOTHING OR EQUIPMENT</b> Chemical Apron/Eye bath/Safety Shower	
<b>WORK HYGIENIC PRACTICES</b> Wash thoroughly after handling product.			
<b>SECTION X - TRANSPORTATION INFORMATION</b>			
<b>DOT PROPER SHIPPING NAME</b> Adhesive		<b>DOT HAZARD CLASS</b> 3	
<b>DOT UN NUMBER</b> UN1133		<b>DOT PACKING GROUP</b> II	
<b>IATA PROPER SHIPPING NAME</b> Adhesive		<b>IATA HAZARD CLASS</b> 3	
<b>IATA UN NUMBER</b> UN 1133		<b>IATA PACKING GROUP</b> II	
<b>SECTION XI - 313 SUPPLIER NOTIFICATION</b>			
<b>THIS PRODUCT CONTAINS THE FOLLOWING CHEMICALS SUBJECT TO REPORTING REQUIREMENTS OF SECTION 313 OF THE EMERGENCY PLANNING AND COMMUNITY RIGHT -TO-KNOW ACT OF 1986, 40 CFR 372,</b> (see table on page 1 for CAS # and percent by weight). Methyl Ethyl Ketone and Dimethylformamide			
<b>WARNING: THIS PRODUCT CONTAINS A CHEMICAL KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER AND BIRTH DEFECTS, OR OTHER REPRODUCTIVE HARM.</b>			

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