

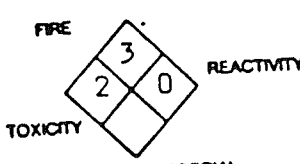
Mailing Address: P.O. Box 130, Circle Pines, MN 55014  
Shipping Address: 3760 Flowerfield Road, Blaine, MN 55434  
Phone: (612) 785-2156 Fax (612) 785-2058

\* Estimated 4307  
N/A-Not Applicable  
N/R-Not Restricted  
E-Not Established

43021 ✓ 43027 ✓  
43028 ✓ 2750 ✓  
43029 ✓ 2752 ✓  
Estimated 43030 2754 ✓  
A-Not Applicable 2756 ✓

# MATERIAL SAFETY DATA SHEET

NOTE: BLANK SPACES ARE NOT PERMITTED. IF ANY ITEM IS NOT APPLICABLE, THE SPACE MUST BE MARKED TO INDICATE THAT.

NOTE: BLANK SPACES ARE NOT PERMITTED. IF ANY ITEM IS NOT APPLICABLE, THE SPACE MUST BE INITIALED.		PART NO. IF APPLICABLE			
IDENTITY (As shown on Label or package) PLASTI DIP					
SECTION I		EMERGENCY PHONE No. 1-800-424-9300			
MANUFACTURER'S NAME P.D.I., Inc.		SIGNATURE OF PREPARER: (Optional)			
ADDRESS (NUMBER, STREET, CITY, STATE AND ZIP CODE) 3760 Flowerfield Road		MANUFACTURER'S PHONE No. FOR INFORMATION 612-785-2156			
Blaine, Minnesota 55434		DATE MSDS WAS PREPARED June 1, 1991			
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.					
HAZARDOUS COMPONENTS CHEMICAL and IDENTITY AND COMMON NAME (S)	% WL (OPTIONAL)	CAS NO.	OSHA PEL	ACGIH TLV	OTHER LIMITS RECOMMEND
1,1,1, Trichloroethane	21	71-55-6	350ppm	350ppm	None
VM & P Naphtha	43	64742-48-9	500ppm	300ppm	None
Toluene	12	108-88-3	200ppm	100ppm	None
Resins	24	N/A	N/A	N/A	N/A
SECTION III - PHYSICAL / CHEMICAL CHARACTERISTICS					
BOILING POINT 162 - 280F	Specific Gravity (H2O =1) 0.92 - 0.94		MELTING POINT N/A		
VAPOR PRESSURE (MM HG)) 55 mmHg*	VAPOR DENSITY (AIR = 1) 4.6*		EVAPORATION RATE (BUTYL ACETATE =1) 4.5*		
SOLUBILITY IN WATER Insoluble	% VOLATILE 55% VOC LBS/GAL 4.16		OTHER (IF ANY) None		
APPEARANCE AND ODOR Various Colors, Honey Like Substance - Characteristic Odor					
SECTION IV - FIRE AND EXPLOSION HAZARD DATA					
FLASH POINT (METHOD USED) 28F TCC (ASTM D-93)		FLAMMABLE LIMITS		LEL 1.1 U.E.L. 10.5	
EXTINGUISHING MEDIA Carbon Dioxide, Dry Chemical, or Foam					
SPECIAL FIRE FIGHTING PROCEDURES Self contained breathing apparatus with a full face piece, operated in pressure demand or other positive or other positive pressure mode					
UNUSUAL FIRE AND EXPLOSION HAZARDS This material is flammable and may be ignited by heat, sparks, flame or static electricity.					
HAZARDOUS PRODUCTS FORMED BY FIRE OR THERMAL DECOMPOSITION Carbon Dioxide and/or Carbon Monoxide.					
EXPLOSIVE LIMITS (% BY VOLUME IN AIR) 1.1 - 10.5					
SECTION V - OPTIONAL HAZARD RATINGS IDENTIFICATION					
HAZARD RATING 4-EXTREME 3-HIGH 2-MODERATE 1-SLIGHT 0-INSIGNIFICANT **SEE SECTION IV		 National Fire Protection Association (NFPA) FIRE 3 REACTIVITY 0 HEALTH 2 SPECIAL HAZARDS None			



535

43027

2

<b>SECTION VI - REACTIVITY AND STABILITY DATA</b>			
STABILITY	UNSTABLE	STABLE X	CONDITIONS TO AVOID None
INCOMPATIBILITY (Materials to Avoid) Strong acids, bases, oxidizing agents, selected amines, Chemically active metals, powders			
HAZARDOUS DECOMPOSITION OR BY PRODUCTS Carbon Monoxide, Carbon Dioxides, Small Amounts of Formic Acid, Dimethylamine, Peroxides			
HAZARDOUS POLYMERIZATION	MAY OCCUR WILL NOT OCCUR X	CONDITIONS TO AVOID None	
<b>SECTION VII - HEALTH HAZARD DATA</b>			
ROUTES OF ENTRY	INHALATION? Yes	SKIN? Yes	INGESTION? Yes EYES? Yes
HEALTH HAZARDS	ACUTE X CHRONIC X	See Signs and Symptoms of Exposure below. Brain and Nervous System Damage (Referred to as solvents or painters syndrome). Drying or Cracking skin.	
CARCINOGENICITY: No NTP? IARC Monographs? OSHA Regulated?			
SIGNS AND SYMPTOMS OF EXPOSURE Headache, Dizziness, Drowsiness, Fatigue, Irregular Heartbeat, Skin and Eye Irritation. Target Organs: CNS, CVS, PNS, Liver, Kidneys, Lungs, Respiratory System, Skin.			
MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE Pre-existing Heart, Liver, Kidney and Lung disorders.			
EMERGENCY AND FIRST AID PROCEDURES 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>			
STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED Wipe up with floor absorbent. Transfer to hood. Prevent run-off to sewers. Eliminate all sources of ignition. Ventilate to maintain exposure below P.E.L.'s			
WASTE DISPOSAL METHODS Dispose of product in accordance with local, county, state and federal regulations.			
PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE Keep away from sparks, flame and high heat sources. Do not store above 120°F.			
OTHER PRECAUTIONS Keep Container Closed When Not In Use.			
<b>SECTION IX - CONTROL MEASURES</b>			
RESPIRATORY PROTECTION (SPECIFY TYPE) Organic Vapor Cartridge, NIOSH/MSHA approved.			PROTECTIVE GLOVES Impervious
VENTILATION	LOCAL EXHAUST Supplemental (if needed)	SPECIAL None	
MECHANICAL (GENERAL) To maintain exposure below P.E.L.'s			OTHER None
EYE PROTECTION Chemical splash goggles	OTHER PROTECTIVE CLOTHING OR EQUIPMENT Impervious Clothing/Boots as needed.		
WORK HYGIENIC PRACTICES Wash thoroughly after handling.			
<b>SECTION X - TRANSPORTATION INFORMATION (Optional)</b>			
D.O.T. PROPER SHIPPING NAME Paint		D.O.T. HAZARD CLASS Flammable Liquid	
IF A "CONSUMER COMMODITY ORM-D", WHAT IS THE QUALIFYING CHEMICAL Petroleum Naphtha ORM-D (less than 1 gallon)			
D.O.T. I.D. No. (N/U OR N/A) UN1263		HAZARD LABEL OR MARKING REQUIRED ON SHIPPER CTN. Flammable Liquid	
IATA PROPER SHIPPING NAME Paint		IATA HAZARD CLASS Flammable Liquid	IMO No. None

This is the "back" when printed in duplex. Page 2 of 2 pages if not duplex.

Prepared By: Mark KuperApproved By: Thomas M. MillerDate: June 1, 1991

THE INFORMATION PROVIDED HEREIN IS BASED ON DATA CONSIDERED ACCURATE. NO WARRANTY IS EXPRESSED OR IMPLIED REGARDING THE ACCURACY OF THE DATA OR THE RESULTS OBTAINED FROM ITS USE. SINCE THE INFORMATION CONTAINED HEREIN MAY BE APPLIED UNDER CONDITIONS BEYOND THE VENDOR'S CONTROL AND SINCE SUBSEQUENT DATA MAY SUGGEST MODIFICATION OF THE INFORMATION, VENDOR ASSUMES NO RESPONSIBILITY FOR THE RESULTS OF ITS USE.

