



The PDI Family of  
Products That Work

PDI, Inc.

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 43029  
N/A-Not Applicable  
N/R-Not Restricted  
N/E-Not Established

43021-43029  
43028-2750  
43029-2752  
2754-2754  
2756-2756

## MATERIAL SAFETY DATA SHEET

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

IDENTITY (As shown on Label or package) PLASTI DIP		PART NO. IF APPLICABLE
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)	% Wt. (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	UEL 10.5
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#### 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.

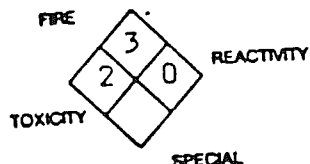
#### EXPLOSIVE LIMITS

(% 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



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43029

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SECTION VI - REACTIVITY AND STABILITY DATA			
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	
SECTION VII - HEALTH HAZARD DATA			
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.			
SECTION VIII - PRECAUTIONS FOR SAFE HANDLING AND USE			
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 120F.			
OTHER PRECAUTIONS			
Keep Container Closed When Not In Use.			
SECTION IX - CONTROL MEASURES			
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.			
SECTION X - TRANSPORTATION INFORMATION (Optional)			
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 K. K...Approved By: Thomas M. Miller

Date: June 1, 1991

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