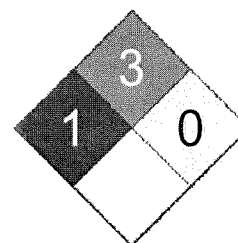


1. Product and Company Identification

Product Name	PDI Adhesive Tape Remover Pads	MSDS No. 0054
CAS #	Mixture	
Product use	Remover	
Manufacturer	Professional Disposables International, Inc. Two Nice-Pak Park Orangeburg, NY 10962-1376 or Distributed by: Professional Disposables International Ltd, Ontario CA Phone (USA) 1-845-365-1700 (M-F 8am - 5pm) Phone (CANADA) 1-800-263-7067	

LEGEND HMIS/NFPA	
Severe	4
Serious	3
Moderate	2
Slight	1
Minimal	0

Health	* 1
Flammability	3
Physical Hazard	0
Personal Protection	



2. Hazards Identification

Emergency overview	DANGER FLAMMABLE LIQUID. Irritating to eyes. Contains a potential teratogen.
Potential short term health effects	
Routes of exposure	Eye, Skin contact, Skin absorption, Inhalation, Ingestion.
Eyes	Causes irritation.
Skin	Non-irritating based on test data.
Inhalation	Not a normal route of exposure. May cause respiratory tract irritation.
Ingestion	Not a normal route of exposure. May cause stomach distress, nausea or vomiting.
Target organs	Eyes. Respiratory system. Skin.
Chronic effects	Prolonged or repeated exposure can cause drying, defatting and dermatitis.
Signs and symptoms	Symptoms may include redness, edema, drying, defatting and cracking of the skin. Symptoms of overexposure may be headache, dizziness, tiredness, nausea and vomiting.

3. Composition / Information on Ingredients

Ingredient(s)	CAS #	Percent
Naphtha (petroleum), hydrotreated heavy	64742-48-9	60 - 100
Fatty acids, C14-18, isopropyl esters	70750-32-2	3 - 7
Isopropanol	67-63-0	3 - 7
Solvent naphtha (petroleum), light aliphatic	64742-89-8	10 - 30
Xylene	1330-20-7	0.1 - 1

4. First Aid Measures

First aid procedures	
Eye contact	Flush with cool water. Remove contact lenses, if applicable, and continue flushing. Obtain medical attention if irritation persists.
Skin contact	In case of skin irritation, discontinue use of product.

Inhalation	If symptoms develop move victim to fresh air. If symptoms persist, obtain medical attention.
Ingestion	Do not induce vomiting. Never give anything by mouth if victim is unconscious, or is convulsing. Obtain medical attention.
Notes to physician	Symptoms may be delayed.
General advice	Keep away from sources of ignition. No smoking. If you feel unwell, seek medical advice (show the label where possible). Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Show this safety data sheet to the doctor in attendance. Avoid contact with eyes and skin. Keep out of reach of children.

5. Fire Fighting Measures

Flammable properties	Flammable by WHMIS/OSHA criteria.
Extinguishing media	
Suitable extinguishing media	Dry chemical. Water spray. Carbon dioxide.
Unsuitable extinguishing media	Not available
Protection of firefighters	
Specific hazards arising from the chemical	Not available
Protective equipment for firefighters	Firefighters should wear full protective clothing including self contained breathing apparatus.
Hazardous combustion products	May include and are not limited to: Oxides of carbon.
Explosion data	
Sensitivity to mechanical impact	Not available
Sensitivity to static discharge	Not available

6. Accidental Release Measures

Personal precautions	Keep unnecessary personnel away. Do not touch or walk through spilled material. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Keep people away from and upwind of spill/leak.
Methods for containment	Prevent entry into waterways, sewers, basements or confined areas.
Methods for cleaning up	Remove sources of ignition. Pick up and discard towel.

7. Handling and Storage

Handling	Use good industrial hygiene practices in handling this material.
Storage	Keep out of reach of children. Do not store at temperatures above 120°F (49°C). Store in a closed container away from incompatible materials.

8. Exposure Controls / Personal Protection

Exposure limits

Ingredient(s)	Exposure Limits
Fatty acids, C14-18, isopropyl esters	ACGIH-TLV Not established OSHA-PEL Not established
Isopropanol	ACGIH-TLV TWA: 200 ppm STEL: 400 ppm OSHA-PEL TWA: 400 ppm
Naphtha (petroleum), hydrotreated heavy	ACGIH-TLV Not established OSHA-PEL Not established
Solvent naphtha (petroleum), light aliphatic	ACGIH-TLV Not established OSHA-PEL Not established
Xylene	ACGIH-TLV TWA: 100 ppm STEL: 150 ppm OSHA-PEL TWA: 100 ppm

Engineering controls

General ventilation normally adequate.

Personal protective equipment

Eye / face protection

Not normally required.

Hand protection

Follow standard industrial hygiene practices.

Skin and body protection

As required by employer code.

Respiratory protection

Where exposure guideline levels may be exceeded, use an approved NIOSH respirator.

General hygiene considerations

Handle in accordance with good industrial hygiene and safety practice. When using do not eat or drink. Wash hands before breaks and immediately after handling the product.

9. Physical & Chemical Properties

Appearance	Liquid saturated on wipe
Color	Clear, colorless liquid
Form	Liquid saturated on wipe.
Odor	Alcohol
Odor threshold	Not available
Physical state	Solid
pH	Not available
Melting point	Not available
Freezing point	Not available
Boiling point	Not available
Flash point	15.55 °C (60 °F)
Evaporation rate	Not available
Flammability limits in air, lower, % by volume	Not applicable

Flammability limits in air, upper, % by volume	Not applicable
Vapor pressure	Not available
Vapor density	Not available
Specific gravity	Not available
Octanol/water coefficient	Not available
Auto-ignition temperature	Not available
Percent volatile	Not available

10. Chemical Stability & Reactivity Information

Chemical stability	Stable under recommended storage conditions.
Conditions to avoid	Avoid high temperatures. Do not mix with other chemicals.
Incompatible materials	Oxidizers. Acids. Caustics.
Hazardous decomposition products	May include and are not limited to: Oxides of carbon.
Possibility of hazardous reactions	Hazardous polymerization does not occur.

11. Toxicological Information

Component analysis - LC50

Ingredient(s)	LC50
Fatty acids, C14-18, isopropyl esters	Not available
Isopropanol	16970 mg/l/4h rat
Naphtha (petroleum), hydrotreated heavy	Not available
Solvent naphtha (petroleum), light aliphatic	1400 mg/l/4h rat
Xylene	6350 ppm rat; 6350 mg/l/4h rat

Component analysis - Oral LD50

Ingredient(s)	LD50
Fatty acids, C14-18, isopropyl esters	10000 mg/kg rat
Isopropanol	4396 mg/kg rat
Naphtha (petroleum), hydrotreated heavy	5000 mg/kg rat
Solvent naphtha (petroleum), light aliphatic	5000 mg/kg rat
Xylene	4300 mg/kg rat

Effects of acute exposure

Eye	Causes irritation.
Skin	Non-irritating based on test data.
Inhalation	Not a normal route of exposure. May cause respiratory tract irritation.
Ingestion	Not a normal route of exposure. May cause stomach distress, nausea or vomiting.

Sensitization Non-hazardous by WHMIS/OSHA criteria.

Chronic effects Non-hazardous by WHMIS/OSHA criteria.

Carcinogenicity See below.

ACGIH - Threshold Limit Values - Carcinogens

Isopropanol	67-63-0	A4 - Not Classifiable as a Human Carcinogen
Xylene	1330-20-7	A4 - Not Classifiable as a Human Carcinogen

IARC - Group 3 (Not Classifiable)

Isopropanol	67-63-0	Monograph 71 [1999], Supplement 7 [1987], Monograph 15 [1977]
Xylene	1330-20-7	Monograph 71 [1999], Monograph 47 [1989]

Mutagenicity Non-hazardous by WHMIS/OSHA criteria.

Reproductive effects Non-hazardous by WHMIS/OSHA criteria.

Teratogenicity Contains a potential teratogen.

12. Ecological Information

Ecotoxicity

Components of this product have been identified as having potential environmental concerns.

Ecotoxicity - Freshwater Algae Data

Isopropanol	67-63-0	96 Hr EC50 Scenedesmus subspicatus: >1000 mg/L; 72 Hr EC50 Scenedesmus subspicatus: >1000 mg/L
Solvent naphtha (petroleum), light aliphatic	64742-89-8	72 Hr EC50 Selenastrum capricornutum: 4700 mg/L

Ecotoxicity - Freshwater Fish Species Data

Isopropanol	67-63-0	96 Hr LC50 Pimephales promelas: 9640 mg/L [flow-through]; 96 Hr LC50 Pimephales promelas: 11130 mg/L [static]
Naphtha (petroleum), hydrotreated heavy	64742-48-9	96 Hr LC50 Pimephales promelas: 2200 mg/L
Xylene	1330-20-7	96 Hr LC50 Pimephales promelas: 13.4 mg/L [flow-through]; 96 Hr LC50 Oncorhynchus mykiss: 8.05 mg/L [flow-through]; 96 Hr LC50 Lepomis macrochirus: 16.1 mg/L [flow-through]; 96 Hr LC50 Pimephales promelas: 26.7 mg/L [static]

Ecotoxicity - Microtox Data

Isopropanol	67-63-0	5 Min EC50 Photobacterium phosphoreum: 35390 mg/L
Xylene	1330-20-7	24 Hr EC50 Photobacterium phosphoreum: 0.0084 mg/L

Ecotoxicity - Water Flea Data

Isopropanol	67-63-0	48 Hr EC50 Daphnia magna: 13299 mg/L
Naphtha (petroleum), hydrotreated heavy	64742-48-9	96 Hr LC50 Chaetogammarus marinus: 2.6 mg/L
Xylene	1330-20-7	48 Hr EC50 water flea: 3.82 mg/L; 48 Hr LC50 Gammarus lacustris: 0.6 mg/L

Environmental effects	Not available
Aquatic toxicity	Not available
Persistence / degradability	Not available
Bioaccumulation / accumulation	Not available
Partition coefficient	Not available
Mobility in environmental media	Not available
Chemical fate information	Not available
Other adverse effects	Not available

13. Disposal Considerations

Waste codes	Not available
Disposal instructions	Review federal, state/provincial, and local government requirements prior to disposal. Discard with solid waste. Dispose in accordance with all applicable regulations.
Waste from residues / unused products	Not available
Contaminated packaging	Not available

14. Transport Information

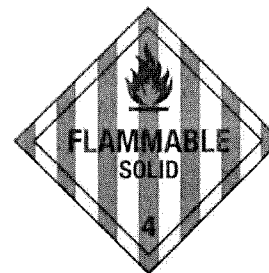
U.S. Department of Transportation (DOT)

Basic shipping requirements:

Proper shipping name	Solids containing flammable liquid, n.o.s.
Hazard class	4.1
UN number	UN3175
Packing group	II

Additional information:

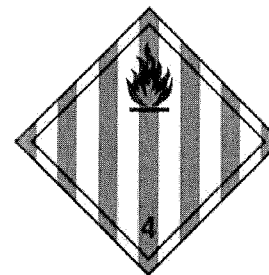
Special provisions	47, IB6, IP2, T3, TP33
Packaging exceptions	151
ERG number	133



Transportation of Dangerous Goods (TDG - Canada)

Basic shipping requirements:

Proper shipping name	SOLIDS CONTAINING FLAMMABLE LIQUID, N.O.S.
Hazard class	4.1
UN number	UN3175
Packing group	II
Additional information:	
Special provisions	16, 56



15. Regulatory Information

Canadian federal regulations This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the MSDS contains all the information required by the Controlled Products Regulations.

Canada - WHMIS - Ingredient Disclosure List

Isopropanol	67-63-0	1 %
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US Federal regulations This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.
All components are on the U.S. EPA TSCA Inventory List.

U.S. - CERCLA/SARA - Hazardous Substances and their Reportable Quantities

Xylene	1330-20-7	100 Lb final RQ; 45.4 kg final RQ
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U.S. - CERCLA/SARA - Section 313 - Emission Reporting

Isopropanol	67-63-0	1.0 % de minimis concentration (only if manufactured by the strong acid process, no supplier notification)
Xylene	1330-20-7	1.0 % de minimis concentration

U.S. - CWA (Clean Water Act) - Hazardous Substances

Xylene	1330-20-7	Present
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Occupational Safety and Health Administration (OSHA)

29 CFR 1910.1200 hazardous chemical Yes

CERCLA (Superfund) reportable quantity

Xylene: 100.0000

Superfund Amendments and Reauthorization Act of 1986 (SARA)

Hazard categories

Immediate Hazard	- Yes
Delayed Hazard	- Yes
Fire Hazard	- Yes
Pressure Hazard	- No
Reactivity Hazard	- No

Section 302 extremely hazardous substance No

Section 311 hazardous chemical Yes

Clean Air Act (CAA) Not available

Clean Water Act (CWA) Not available

Safe Drinking Water Act (SDWA) Not available

Drug Enforcement Agency (DEA) Not available

Food and Drug Administration (FDA) Not available

WHMIS classification Exempt - Notified cosmetic under the Food & Drugs Act

State regulations

This product does not contain a chemical known to the State of California to cause cancer, birth defects or other reproductive harm.

U.S. - California - 8 CCR Section 339 - Director's List of Hazardous Substances

Isopropanol	67-63-0	Present
Xylene	1330-20-7	Present

U.S. - Illinois - Toxic Air Contaminants

Xylene	1330-20-7	Present
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U.S. - Louisiana - Reportable Quantity List for Pollutants

Xylene	1330-20-7	100 Lb final RQ; 45.4 kg final RQ (the combined emission of highly reactive volatile organic compounds (acetaldehyde, butenes, ethylene, propylene, toluene, xylene, and/or isoprene) shall be totaled to determine if a RQ has been exceeded)
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U.S. - Massachusetts - Right To Know List

Isopropanol	67-63-0	Present
Xylene	1330-20-7	Present

U.S. - Michigan - Critical Materials List

Xylene	1330-20-7	100 Lb Annual usage threshold (all isomers)
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U.S. - Minnesota - Hazardous Substance List

Isopropanol	67-63-0	Present
Xylene	1330-20-7	Present (includes all isomers)

U.S. - New Jersey - Right to Know Hazardous Substance List

Isopropanol	67-63-0	sn 1076
Xylene	1330-20-7	sn 1014

U.S. - New York - Reporting of Releases Part 597 - List of Hazardous Substances

Xylene	1330-20-7	1000 Lb RQ (air); 1 lb RQ (land/water)
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U.S. - North Carolina - Control of Toxic Air Pollutants

Xylene	1330-20-7	2.7 mg/m3 (chronic toxicants); 65 mg/m3 (acute irritants)
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U.S. - Pennsylvania - RTK (Right to Know) List

Isopropanol	67-63-0	Environmental hazard
Xylene	1330-20-7	Environmental hazard

U.S. - Rhode Island - Hazardous Substance List

Isopropanol	67-63-0	Toxic; Flammable
Xylene	1330-20-7	Toxic (skin); Flammable (skin)

Inventory name

Country(s) or region	Inventory name	On inventory (yes/no)*
Canada	Domestic Substances List (DSL)	Yes
Canada	Non-Domestic Substances List (NDSL)	No
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	Yes

A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s)

16. Other Information

Disclaimer

Information contained herein was obtained from sources considered technically accurate and reliable. While every effort has been made to ensure full disclosure of product hazards, in some cases data is not available and is so stated. Since conditions of actual product use are beyond control of the supplier, it is assumed that users of this material have been fully trained according to the requirements of all applicable legislation and regulatory instruments. No warranty, expressed or implied, is made and supplier will not be liable for any losses, injuries or consequential damages which may result from the use of or reliance on any information contained in this document.

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