



SAFETY DATA SHEET

Issuing Date 23-Mar-2015

Revision date 16-May-2019

Revision Number 1

1. Identification

Product identifier

Product Name Nail Polish Remover Pads

Other means of identification

Product Code(s) SDS 0007-00

Synonyms None

Other information Formula - 4OB712OM

Recommended use of the chemical and restrictions on use

Recommended use Nail Polish Remover

Restrictions on use Not a baby wipe. Not a skin wipe.

Details of the supplier of the safety data sheet

Manufacturer Address

PDI, Inc.
Two Nice-Pak Park
Orangeburg, NY 10962-1376
1-845-365-1700

Emergency telephone number

Emergency Telephone PERS:
1-800-633-8253 (Domestic/Canada)
1-801-629-0667 (International)

2. Hazard(s) identification

Classification

Serious eye damage/eye irritation	Category 2A
Specific target organ toxicity (single exposure)	Category 3
Flammable liquids	Category 2

Appearance Liquid saturated on wipe.

Physical state Solid.

Odor Acetone

Label elements

Danger

Hazard statements

Flammable Liquid.

Causes serious eye irritation.
May cause respiratory irritation. May cause drowsiness or dizziness



Precautionary Statements - Prevention

Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
Wash hands thoroughly after handling.
Wear eye/face protection.
Avoid breathing dust/fume/gas/mist/vapors/spray

Precautionary Statements - Response

In case of fire: Use appropriate media to extinguish.
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
If eye irritation persists: Get medical attention.
IF exposed or concerned: Get medical advice/attention

Inhalation

IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
Call a POISON CENTER or doctor if you feel unwell.

Precautionary Statements - Storage

Store away from incompatible materials.

Precautionary Statements - Disposal

Dispose of waste and residues in accordance with local authority requirements.

Other information

May be harmful if inhaled.

3. Composition/information on ingredients

Substance

Mixture

Chemical name	CAS No.	Weight-%	Hazardous Material Information Review Act registry number (HMIRA registry #)	Date HMIRA filed and date exemption granted (if applicable)
Methyl acetate	79-20-9	45	-	-
Butoxydiglycol	112-34-5	2	-	-
Trade secret	Trade secret	0 - 10%	-	-

4. First-aid measures

Description of first aid measures

General advice

Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. If you feel unwell, seek medical advice (show the label where

possible). Keep away from sources of ignition. No smoking. Avoid contact with eyes. Keep out of reach of children.

Inhalation	Not a normal route of harmful exposure. If symptoms develop move victim to fresh air. If symptoms persist, obtain medical attention.
Eye contact	Rinse cautiously with water for 15-20 minutes. Remove contact lenses, if present and easy to do. Get medical attention if irritation occurs and persist.
Skin contact	In case of skin irritation, discontinue use of product.
Ingestion	Not a normal route of harmful exposure. Do not induce vomiting unless directed to do so by a medical professional. Rinse mouth immediately and drink plenty of water. If symptoms persist, obtain medical attention.
Self-protection of the first aider	Avoid contact with skin, eyes or clothing. Wear personal protective clothing (see section 8).

Most important symptoms and effects, both acute and delayed

Symptoms Symptoms may include stinging, tearing, redness, swelling, and blurred vision.

Indication of any immediate medical attention and special treatment needed

Note to physicians Treat symptomatically.

5. Fire-fighting measures

Suitable Extinguishing Media	Carbon dioxide (CO ₂). Alcohol foam. Water spray.
Unsuitable extinguishing media	Water with full jet.
Specific hazards arising from the chemical	No unusual fire or explosion hazards noted. In the event of fire, cool product with water spray. Cool product exposed to flames with water until well after the fire is out.
Hazardous combustion products	Carbon oxides and Sodium.
Explosion data	
Sensitivity to mechanical impact	Not available.
Sensitivity to static discharge	Not available.
Special protective equipment for fire-fighters	Firefighters should wear full protective clothing including self contained breathing apparatus.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

Personal precautions Ensure adequate ventilation. Follow standard industrial hygiene practices. Wear appropriate protective equipment and clothing during clean-up. For personal protection, see section 8 of the SDS.

Methods and material for containment and cleaning up

Methods for containment	For waste disposal, see section 13 of the SDS.
Methods for cleaning up	Pick up and discard wipe. For waste disposal, see section 13 of the SDS.
Prevention of secondary hazards	Environmental precautions: Avoid discharge into drains, water courses or onto the ground.

7. Handling and storage

Precautions for safe handling

Advice on safe handling

Ensure adequate ventilation. In case of insufficient ventilation, wear suitable respiratory equipment. Avoid contact with eyes. Wash hands after handling and before eating. Use according to package label instructions.

Conditions for safe storage, including any incompatibilities

Storage Conditions

Keep containers tightly closed in a cool, well-ventilated place. Keep away from heat, sparks, flame and other sources of ignition (i.e., pilot lights, electric motors and static electricity). Store away from incompatible materials (see Section 10 of the SDS).

Packaging materials

Do not reuse packet.

8. Exposure controls/personal protection

Control parameters

Exposure Limits

Chemical name	ACGIH TLV	OSHA PEL	NIOSH IDLH	
Methyl acetate 79-20-9	STEL: 250 ppm TWA: 200 ppm	TWA: 200 ppm TWA: 610 mg/m ³ (vacated) TWA: 200 ppm (vacated) TWA: 610 mg/m ³ (vacated) STEL: 250 ppm (vacated) STEL: 760 mg/m ³	IDLH: 3100 ppm TWA: 200 ppm TWA: 610 mg/m ³ STEL: 250 ppm STEL: 760 mg/m ³	
Butoxydiglycol 112-34-5	TWA: 10 ppm inhalable fraction and vapor	-	-	
Chemical name	Alberta	British Columbia	Ontario	Quebec
Methyl acetate 79-20-9	TWA: 200 ppm TWA: 606 mg/m ³ STEL: 250 ppm STEL: 757 mg/m ³	TWA: 200 ppm STEL: 250 ppm	TWA: 200 ppm STEL: 250 ppm	TWA: 200 ppm TWA: 606 mg/m ³ STEL: 250 ppm STEL: 757 mg/m ³
Butoxydiglycol 112-34-5			TWA: 10 ppm	

Appropriate engineering controls

Engineering controls

Ensure adequate ventilation, especially in confined areas.

Individual protection measures, such as personal protective equipment

Eye/face protection

Not required under normal use conditions.

Hand protection

Not required under normal use conditions.

Skin and body protection

Not required under normal use conditions.

Respiratory protection

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

General hygiene considerations

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

Thermal hazards No information available.

9. Physical and chemical properties

Information on basic physical and chemical properties

Physical state Solid.
Appearance Liquid saturated on wipe.
Color No information available.
Odor Acetone
Odor threshold No information available.

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
pH	7-8	None known
Melting point / freezing point	No data available	None known
Boiling point / boiling range	57 °C / 135 °F	None known
Flash point	-10 °C / 14 °F	
Evaporation rate	No data available	None known
Flammability (solid, gas)	No data available	None known
Flammability Limit in Air		None known
Upper flammability or explosive limits	16.0 Vol%	
Lower flammability or explosive limits	0.0 Vol%	
Vapor pressure	220 hPa (165 mm Hg)	None known
Vapor density	No data available	None known
Relative density	0.989	
Water solubility	Immiscible in water	
Solubility in other solvents	No data available	None known
Partition coefficient	No data available	None known
Autoignition temperature	No data available	None known
Decomposition temperature	No data available	None known
Kinematic viscosity	No data available	None known
Dynamic viscosity	No data available	None known

Other information

Explosive properties No information available.
Oxidizing properties No information available.
Softening point No information available.
Molecular weight No information available.
VOC Content (%) No information available.
Liquid Density No information available.
Bulk density No information available.

10. Stability and reactivity

Reactivity May react with incompatible materials.

Chemical stability Stable under recommended storage and handling conditions.

Possibility of hazardous reactions No dangerous reactions known.

Conditions to avoid Avoid temperatures exceeding the flash point. Heat, flames and sparks. Do not mix with other chemicals. Avoid contact with incompatible materials.

Incompatible materials Strong oxidizing agents, strong acids, and strong bases.

Hazardous decomposition products May include and are not limited to: Carbon oxides and Sodium.

11. Toxicological information

Information on likely routes of exposure**Product Information**

Inhalation	Health injuries are not known or expected under normal use.
Eye contact	Irritating to eyes. Causes serious eye irritation.
Skin contact	Non-irritating.
Ingestion	May cause stomach distress, nausea or vomiting. Health injuries are not known or expected under normal use.

Symptoms related to the physical, chemical and toxicological characteristics

Symptoms	May cause redness and tearing of the eyes. Inhalation of high vapor concentrations may cause symptoms like headache, dizziness, tiredness, nausea and vomiting.
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Acute toxicity**Numerical measures of toxicity**

The following values are calculated based on chapter 3.1 of the GHS document .

ATEmix (oral)	8,516.50 mg/kg
ATEmix (dermal)	6,359.00 mg/kg
ATEmix (inhalation-vapor)	92.63 mg/l

Component Information

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Methyl acetate 79-20-9	> 5 g/kg (Rat)	> 5 g/kg (Rabbit)	= 16000 ppm (Rat) 4 h
Butoxydiglycol 112-34-5	= 5660 mg/kg (Rat)	= 2700 mg/kg (Rabbit)	-

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Skin corrosion/irritation	Prolonged skin contact may cause temporary irritation.
Serious eye damage/eye irritation	Causes irritation.
Respiratory or skin sensitization	This product is not expected to cause skin sensitization.
Germ cell mutagenicity	Non-hazardous by WHMIS/OSHA criteria.
Carcinogenicity	Non-hazardous by WHMIS/OSHA criteria.
Reproductive toxicity	Non-hazardous by WHMIS/OSHA criteria.
STOT - single exposure	Excessive intentional inhalation may cause respiratory tract irritation and central nervous system effects (headache, dizziness).
STOT - repeated exposure	No information available.
Subchronic toxicity	Not Classified.
Aspiration hazard	No information available.

12. Ecological information

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

Chemical name	Algae/aquatic plants	Fish	Toxicity to microorganisms	Crustacea
Methyl acetate 79-20-9	EC50: >120mg/L (72h, <i>Desmodesmus subspicatus</i>)	LC50: 295 - 348mg/L (96h, <i>Pimephales promelas</i>) LC50: 250 - 350mg/L (96h, <i>Brachydanio rerio</i>)	EC50 = 6000 mg/L 16 h EC50 = 6100 mg/L 30 min	EC50: =1026.7mg/L (48h, <i>Daphnia magna</i>)
Butoxydiglycol 112-34-5	EC50: >100mg/L (96h, <i>Desmodesmus subspicatus</i>)	LC50: =1300mg/L (96h, <i>Lepomis macrochirus</i>)	-	EC50: >100mg/L (48h, <i>Daphnia magna</i>)

Persistence and degradability No information available.

Bioaccumulation No information available.

Component Information

Chemical name	Partition coefficient
Methyl acetate 79-20-9	0.18

Mobility No information available.

Other adverse effects No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.

13. Disposal considerations

Waste treatment methods

Waste from residues/unused products Dispose of contents/container in accordance with local/regional/national/international regulations. Follow label directions carefully. Dispose in trash. Do not flush in toilet. Do not reuse empty packaging.

Contaminated packaging Empty packaging should be taken to an approved waste handling site for recycling or disposal. Since emptied packages may retain product residue, follow label warnings even after container is emptied.

California waste information Dispose in accordance with all applicable regulations.

Chemical name	California Hazardous Waste Status
Methyl acetate 79-20-9	Toxic Ignitable

14. Transport information

Note: For single packets containing <10mL of Saturant:

DOT Special Provisions Not regulated as dangerous goods.
49 CFR 172.102 Special Provision 47

TDG Not regulated as dangerous goods.

Special Provisions Special Provision 56

IATA
Special Provisions Not regulated as dangerous goods.
Special Provision A46

IMDG
Special Provisions Not regulated as dangerous goods.
Special Provision 216

15. Regulatory information

Safety, health and environmental regulations/legislation specific for the substance or mixture

International Regulations

The Montreal Protocol on Substances that Deplete the Ozone Layer Not applicable

The Stockholm Convention on Persistent Organic Pollutants Not applicable

The Rotterdam Convention Not applicable

International Inventories

TSCA	Contact supplier for inventory compliance status.
DSL/NDSL	Does not comply
EINECS/ELINCS	Does not comply
ENCS	Contact supplier for inventory compliance status.
IECSC	Contact supplier for inventory compliance status.
KECL	Contact supplier for inventory compliance status.
PICCS	Contact supplier for inventory compliance status.
AICS	Contact supplier for inventory compliance status.

Legend:

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances

ENCS - Japan Existing and New Chemical Substances

IECSC - China Inventory of Existing Chemical Substances

KECL - Korean Existing and Evaluated Chemical Substances

PICCS - Philippines Inventory of Chemicals and Chemical Substances

AICS - Australian Inventory of Chemical Substances

US Federal Regulations

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

SARA 311/312 Hazard Categories

Should this product meet EPCRA 311/312 Tier reporting criteria at 40 CFR 370, refer to Section 2 of this SDS for appropriate classifications. Under the amended regulations at 40 CFR 370, EPCRA 311/312 Tier II reporting for the 2017 calendar year will need to be consistent with updated hazard classifications.

CWA (Clean Water Act)

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

CERCLA

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive

Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material.

US State Regulations

California Proposition 65

This product does not contain any Proposition 65 chemicals.

U.S. State Right-to-Know Regulations

US State Regulations

U.S. - California - 8 CCR Section 339 - Director's List of Hazardous Substances U.S. Massachusetts - Right to Know List U.S. - Minnesota - Hazardous Substance List U.S. - New Jersey - Right to Know Hazardous Substance List U.S. Pennsylvania RTK - Hazardous Substances U.S. Rhode Island - Hazardous Substance List Methyl acetate 79-20-9

EPA Pesticide Registration Number Not applicable

16. Other information

NFPA	Health hazards 1	Flammability 3	Instability 0	Physical and chemical properties -
HMIS	Health hazards 1	Flammability 3	Physical hazards 0	Personal protection X

Key or legend to abbreviations and acronyms used in the safety data sheet

Legend Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

TWA	TWA (time-weighted average)	STEL	STEL (Short Term Exposure Limit)
Ceiling	Maximum limit value	*	Skin designation

Key literature references and sources for data used to compile the SDS

- Agency for Toxic Substances and Disease Registry (ATSDR)
- U.S. Environmental Protection Agency ChemView Database
- European Food Safety Authority (EFSA)
- EPA (Environmental Protection Agency)
- Acute Exposure Guideline Level(s) (AEGl(s))
- U.S. Environmental Protection Agency Federal Insecticide, Fungicide, and Rodenticide Act
- U.S. Environmental Protection Agency High Production Volume Chemicals
- Food Research Journal
- Hazardous Substance Database
- International Uniform Chemical Information Database (IUCLID)
- Japan GHS Classification
- Australia National Industrial Chemicals Notification and Assessment Scheme (NICNAS)
- NIOSH (National Institute for Occupational Safety and Health)
- National Library of Medicine's ChemID Plus (NLM CIP)
- National Library of Medicine's PubMed database (NLM PUBMED)
- National Toxicology Program (NTP)
- New Zealand's Chemical Classification and Information Database (CCID)
- Organization for Economic Co-operation and Development Environment, Health, and Safety Publications
- Organization for Economic Co-operation and Development High Production Volume Chemicals Program
- Organization for Economic Co-operation and Development Screening Information Data Set
- RTECS (Registry of Toxic Effects of Chemical Substances)
- World Health Organization

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Revision Note No information available.

Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet