



Polyurethane 450 Finish

Version Number: 6

Preparation date: 2018-03-06

1. IDENTIFICATION

Product name: Polyurethane 450 Finish
Product Code: 95142201
SDS #: MS0800685
Recommended use:

- Floor care
- Wood Floor Care
- This product is intended to be used neat.
- Industrial/Institutional

Uses advised against: Uses other than those identified are not recommended

Manufacturer, importer, supplier:
 US Headquarters
 Diversey, Inc.
 2415 Cascade Pointe Blvd.
 Charlotte, NC 28208
 Phone: 1-888-352-2249
 SDS Internet Address: <https://sds.diversey.com>

Canadian Headquarters
 Diversey Canada, Inc.
 3755 Laird Road Units 8-11
 Mississauga, Ontario L5L 0B3
 Phone: 1-800-668-7171

Emergency telephone number: 1-800-851-7145; 1-651-917-6133 (Int'l)

2. HAZARDS IDENTIFICATION

Classification for the undiluted product

Skin corrosion/irritation	Category 2
Serious eye damage/eye irritation	Category 2A
Aspiration Toxicity	Category 1
Germ cell mutagenicity	Category 1B
Carcinogenicity	Category 1B
Flammability	Flammable liquid and vapour, Category 3



Signal Word:

Danger.

Hazard and Precautionary Statements

CAUSES SKIN AND SERIOUS EYE IRRITATION. FLAMMABLE LIQUID AND VAPOR. MAY CAUSE GENETIC DEFECTS. MAY CAUSE CANCER. MAY BE FATAL IF SWALLOWED AND ENTERS AIRWAYS.

Aspiration into the lungs may cause chemical pneumonitis. Do not handle until all safety precautions have been read and understood. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Keep container tightly closed. Use explosion-proof electrical, ventilating or lighting equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Avoid contact with eyes, skin and clothing. Wash affected areas thoroughly after handling. May cause irritation to mouth, throat and stomach. Wear protective gloves, protective clothing and eye or face protection. IF SWALLOWED: Immediately call a Poison Center (1-800-851-7145) or physician. DO NOT induce vomiting unless directed to do so by medical personnel. IF ON SKIN: Wash with plenty of soap and water. IF ON SKIN (or hair): Take off immediately all contaminated clothing. If skin irritation occurs: Get medical advice or attention. Wash contaminated clothing before reuse. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing for at least 15 minutes. In case of fire: Use CO₂, dry chemical, or foam to extinguish. Store in a well-ventilated place. Keep cool. Dispose of in accordance with all federal, state and local applicable regulations. SUPPLEMENTAL INFORMATION: DO NOT MIX WITH AMMONIA, BLEACH OR OTHER CHLORINATED COMPOUNDS. Mix only with water. Can react to release hazardous gases. May vigorously react with strong alkaline products resulting in spattering and excessive

Polyurethane 450 Finish

1 of 5

heat.

Health hazards not otherwise classified (HHNOC) - Not applicable
Physical hazards not otherwise classified (PHNOC) - Not applicable

Classification for the diluted product @ RTU

Hazard and Precautionary Statements

See undiluted product information above.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Classified Ingredients

Ingredient(s)	CAS #	Weight %
Aliphatic hydrocarbons	64742-47-8	30 - 40%
Mineral spirits	8052-41-3	10 - 20%
Naphtha	64742-95-6	1 - < 3%

*Exact percentages are being withheld as trade secret information

4. FIRST AID MEASURES

Undiluted Product:

Eyes: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing for at least 15 minutes.

Skin: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water for at least 15 minutes. IF ON SKIN: Wash with plenty of soap and water. If skin irritation occurs: Get medical advice/attention.

Inhalation: IF INHALED: Remove person to fresh air and keep comfortable for breathing.

Ingestion: IF SWALLOWED: Immediately call a Poison Center (1-800-851-7145) or physician. DO NOT induce vomiting unless directed to do so by medical personnel. IF SWALLOWED: Rinse mouth. Drink a cupful of milk or water.

Most Important Symptoms/Effects: No information available.

Immediate medical attention and special treatment needed Not applicable.

Diluted Product:

This product is intended to be used neat.

Eyes: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing for at least 15 minutes.

Skin: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water for at least 15 minutes. IF ON SKIN: Wash with plenty of soap and water. If skin irritation occurs: Get medical advice/attention.

Inhalation: IF INHALED: Remove person to fresh air and keep comfortable for breathing.

Ingestion: IF SWALLOWED: Immediately call a Poison Center (1-800-851-7145) or physician. DO NOT induce vomiting unless directed to do so by medical personnel. IF SWALLOWED: Rinse mouth. Drink a cupful of milk or water.

5. FIRE-FIGHTING MEASURES

Specific methods:

No special methods required

Suitable extinguishing media:

Use dry chemical, CO₂, water spray or "alcohol" foam.

Specific hazards:

Keep product and empty container away from heat and sources of ignition.

Special protective equipment for firefighters: As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

Extinguishing media which must not be used for safety reasons: Do not use a solid water stream as it may scatter and spread fire.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions:

Put on appropriate personal protective equipment (see Section 8.).

Environmental precautions and clean-up methods:

Clean-up methods - large spillage. Absorb spill with inert material (e.g. dry sand or earth), then place in a chemical waste container. Use a water rinse for final clean-up.

7. HANDLING AND STORAGE

Handling: Avoid contact with skin, eyes and clothing. Wash thoroughly after handling. Do not taste or swallow. Product residue may remain on/in empty containers. All precautions for handling the product must be used in handling the empty container and residue. Avoid breathing vapors or mists. Remove and wash contaminated clothing and footwear before re-use. **FLAMMABLE LIQUID AND VAPOR.** Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Keep container tightly closed. Ground/Bond container and receiving equipment. Use explosion-proof electrical, ventilating or lighting equipment. Use only non-sparking tools. Take precautionary measures against static discharge. **FOR COMMERCIAL AND INDUSTRIAL USE ONLY.**

Storage: Keep tightly closed in a dry, cool and well-ventilated place. Store locked up.

Aerosol Level (if applicable) : Not applicable.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Guidelines:

Ingredient(s)	CAS #	ACGIH	OSHA
Aliphatic hydrocarbons	64742-47-8	-	1200 mg/m ³
Mineral spirits	8052-41-3	100 ppm (TWA)	500 ppm (TWA) 2900 mg/m ³ (TWA)

Undiluted Product:

Engineering measures to reduce exposure:

Good general ventilation should be sufficient to control airborne levels.

Personal Protective Equipment

Eye protection:	Chemical-splash goggles.
Hand protection:	Chemical-resistant gloves.
Skin and body protection:	If major exposure is possible, wear suitable protective clothing and footwear.
Respiratory protection:	In case of insufficient ventilation wear suitable respiratory equipment. A respiratory protection program that meets OSHA's 29 CFR 1910.134 and ANSI Z88.2 requirements must be followed whenever workplace conditions warrant a respirator's use.
Hygiene measures:	Handle in accordance with good industrial hygiene and safety practice.

Diluted Product:

This product is intended to be used neat.

Engineering measures to reduce exposure:

Good general ventilation should be sufficient to control airborne levels

Eye protection:	Chemical-splash goggles.
Hand protection:	Chemical-resistant gloves.
Skin and body protection:	If major exposure is possible, wear suitable protective clothing and footwear.
Respiratory protection:	In case of insufficient ventilation wear suitable respiratory equipment. A respiratory protection program that meets OSHA's 29 CFR 1910.134 and ANSI Z88.2 requirements must be followed whenever workplace conditions warrant a respirator's use.
Hygiene measures:	Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Liquid

Evaporation Rate: No information available

Odor threshold: No information available.

Melting point/range: Not determined

Autoignition temperature: No information available

Solubility in other solvents: No information available

Density: 7.42 lbs/gal 0.89 Kg/L

Bulk density: No information available

Flash point (°F): 105 °F 40.5 °C

Viscosity: No information available

VOC: 450 g/L (40 CFR §59.400)

Flammability (Solid or Gas): Not applicable

Sustained combustion: Not applicable

Explosion limits: - upper: Not determined - lower: Not determined
@ RTU 105 °F 40.5 °C

VOC % by wt. at use dilution 450 g/L (40 CFR §59.400)

Color: Amber Opaque

Odor: Solvent

Boiling point/range: Not determined

Decomposition temperature: Not determined

Solubility: No information available

Relative Density (relative to water): 0.89

Vapor density: No information available

Vapor pressure: No information available.

Partition coefficient (n-octanol/water): No information available

Elemental Phosphorus: 0 % by wt.

pH: Not applicable

Corrosion to metals: Not corrosive

* - Title 17, California Code of Regulations, Division 3, Chapter 1, Subchapter 8.5, Article 2, Consumer Products, Sections 94508

10. STABILITY AND REACTIVITY

Reactivity:	Not Applicable
Stability:	The product is stable
Hazardous decomposition products:	None reasonably foreseeable.
Materials to avoid:	Strong bases. Ammonia. Do not mix with chlorinated products (such as bleach). Do not mix with any other product or chemical unless specified in the use directions.
Conditions to avoid:	No information available.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure:

Skin contact, Inhalation, Eye contact

Delayed, immediate, or chronic effects and symptoms from short and long-term exposure

Skin contact: Causes skin irritation. Symptoms may include pain (which may be delayed), redness, and/or discomfort.

Eye contact: May be mildly irritating to eyes.

Ingestion: No information available.

Inhalation: No information available.

Sensitization: No known effects.

Target Organs (SE): None known

Target Organs (RE): Repeated or prolonged exposure to some of the chemicals in this product may cause damage to the nervous system

Numerical measures of toxicity

ATE - Oral (mg/kg): >5000 mg/kg

12. ECOLOGICAL INFORMATION

Ecotoxicity: No information available.

Persistence and Degradability: No information available.

Bioaccumulation: No information available.

13. DISPOSAL CONSIDERATIONS

Waste from residues / unused products (undiluted product): Undiluted product is regulated under environmental and transportation laws as an ignitable waste. Dispose of brushes and rags used for processing of the product as hazardous waste. Dispose of according to all federal, state and local applicable regulations.

Waste from residues / unused products (diluted product): Undiluted product is regulated under environmental and transportation laws as an ignitable waste. Dispose of brushes and rags used for processing of the product as hazardous waste. Dispose of according to all federal, state and local applicable regulations.

RCRA Hazard Class (undiluted product): D001 Ignitable Waste

RCRA Hazard Class (diluted product): D001 Ignitable Waste

Contaminated Packaging: Do not re-use empty containers. Dispose of in accordance with federal, state, and local regulations.

14. TRANSPORT INFORMATION

DOT (Ground) Bill of Lading Description: UN1263, PAINT, 3, III

IMDG (Ocean) Bill of Lading Description: UN1263, PAINT, 3, III, MARINE POLLUTANT, (40°C(cc))

15. REGULATORY INFORMATION

International Inventories at CAS# Level

All components of this product are listed on the following inventories: U.S.A. (TSCA), Canada (DSL).

RIGHT TO KNOW (RTK)

Ingredient(s)	CAS #	MARTK:	NJRTK:	PARTK:	RIRTK:
Proprietary	Proprietary	-	-	-	-
Aliphatic hydrocarbons	64742-47-8	-	-	-	-
Mineral spirits	8052-41-3	X	X	X	-
Naphtha	64742-95-6	-	-	-	-

CERCLA/ SARA

Ingredient(s)	CAA HAP	CAA ODS	CWA Priority Pollutants
Xylene	X		

Canadian Regulations

Ingredient(s)	CAS #	NPRI
Aliphatic hydrocarbons	64742-47-8	X
Mineral spirits	8052-41-3	X
Naphtha	64742-95-6	X
Xylene	1330-20-7	X

16. OTHER INFORMATION**NFPA (National Fire Protection Association)**

Rating Scale: (Low Hazard) 0 - 4 (Extreme Hazard)

Health 2

Flammability 2

Instability 0

Diluted Product:

This product is intended to be used neat.

Health 2

Flammability 2

Instability 0

Version Number: 6

Preparation date: 2018-03-06

Reason for revision:

Not applicable

Prepared by:

NAPRAC

Additional advice:

• Does not contain an added fragrance

Notice to Reader: This document has been prepared using data from sources considered technically reliable. It does not constitute a warranty, express or implied, as to the accuracy of the information contained within. Actual conditions of use and handling are beyond seller's control. User is responsible to evaluate all available information when using product for any particular use and to comply with all Federal, State, Provincial and Local laws and regulations.