



## Polyurethane 275 One Coat Finish Low VOC oil modified wood finish

Revision: 2020-10-06

Version: 1.0

### 1. IDENTIFICATION

**Product name:** Polyurethane 275 One Coat Finish  
Low VOC oil modified wood finish

**Product Code:** 101104736

**SDS #:** MS0801754

**Recommended use:**

- Industrial/Institutional
- Floor finish for professional use
- This product is intended to be used neat.

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

**Manufacturer, importer, supplier:**

US Headquarters Diversey, Inc. 1300 Altura Rd., Suite 125 Fort Mill, SC 29708 Phone: 1-888-352-2249 SDS Internet Address: <a href="https://sds.diversey.com">https://sds.diversey.com</a>	Canadian Headquarters Diversey Canada, Inc. 6150 Kennedy Road Unit 3 Mississauga, Ontario L5T 2J4 Phone: 1-800-668-7171
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**Emergency telephone number:** 1-800-851-7145; 1-651-917-6133 (Int'l)

### 2. HAZARDS IDENTIFICATION

#### Classification for the undiluted product

Serious eye damage/eye irritation	Category 2A
Aspiration Toxicity	Category 1
Germ cell mutagenicity	Category 1B
Carcinogenicity	Category 1B
Reproductive toxicity	Category 2
Specific target organ toxicity (single exposure)	Category 3
Flammability	Flammable Liquids, Category 3

**Signal word:****Danger.**

#### Hazard Statements

**FLAMMABLE LIQUID AND VAPOR. MAY CAUSE GENETIC DEFECTS. MAY CAUSE CANCER. MAY BE FATAL IF SWALLOWED AND ENTERS AIRWAYS. SUSPECTED OF DAMAGING FERTILITY OR THE UNBORN CHILD. MAY CAUSE DROWSINESS OR DIZZINESS. CAUSES SERIOUS EYE IRRITATION.**

#### Precautionary Statements

Aspiration into the lungs may cause chemical pneumonitis. Obtain special instructions before use. 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. 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. Avoid breathing vapors. Avoid contact with eyes, skin and clothing. Wash affected areas

thoroughly after handling. Use only in a well-ventilated area. 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. Drink a cupful of milk or water. IF ON SKIN (or hair): Take off immediately all contaminated clothing. Wash contaminated clothing before reuse. IF INHALED: Remove person to fresh air and keep comfortable for breathing. 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. If eye irritation persists: Get medical advice or attention. IF exposed or concerned: Get medical advice or attention. Call a Poison Center (1-800-851-7145) or physician if you feel unwell. In case of fire: Use CO<sub>2</sub>, dry chemical, or foam to extinguish. Store in a well-ventilated place. Keep cool. Store locked up. Dispose of in accordance with all federal, state and local applicable regulations.

**Health hazards not otherwise classified (HHNOC)** - Not applicable

**Physical hazards not otherwise classified (PHNOC)** - Not applicable

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

#### Classified Ingredients

Ingredient(s)	CAS #	Weight %
Distillates (petroleum), hydrotreated light	64742-47-8	30 - 60%
Octamethylcyclotetrasiloxane	556-67-2	10 - 30%
Naphtha (petroleum), heavy straight-run	64741-41-9	10 - 30%
Mineral spirits	8052-41-3	7 - 13%
2-ethylhexanoic acid, zirconium salt	22464-99-9	> 0.1 - < 1%
Ethyl benzene	100-41-4	> 0.1 - < 1%
Cumene	98-82-8	> 0.1 - < 1%
(ethyl-3-oxobutanoato-O 1,O 3)(2-dimethylaminoethanolato)(1-methoxypropan-2-olato)aluminium(III), dimerised	149057-70-5	> 0.1 - < 1%

### 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. If eye irritation persists: Get medical advice/attention.

**Skin:** Wash with plenty of water for at least 15 minutes.

**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.

**Most Important Symptoms/Effects:** No information available.

**Immediate medical attention and special treatment needed** Not applicable.

### 5. FIRE-FIGHTING MEASURES

**Specific methods:**

No special methods required

**Suitable extinguishing media:**

Use dry chemical, CO<sub>2</sub>, 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:** No information available.

### 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. Material is toxic to fish. Do not discharge into lakes, streams, ponds, or public water unless in accordance with an NPDES permit. Prevent product from entering drains. Water runoff can cause environmental damage. Soak up with inert absorbent material. Sweep up and shovel into suitable containers for disposal. Use a water rinse for final clean-up.

### 7. HANDLING AND STORAGE

**Handling:** 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. 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. Remove and wash contaminated clothing and footwear before re-use. FOR COMMERCIAL AND INDUSTRIAL USE ONLY.

**Storage:** Store in a well-ventilated place. Keep cool. Store locked up.

**Aerosol Level (if applicable) :** Not applicable.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### Exposure Guidelines:

Ingredient(s)	CAS #	ACGIH	OSHA
Distillates (petroleum), hydrotreated light	64742-47-8		1200 mg/m <sup>3</sup>
Mineral spirits	8052-41-3	100 ppm (TWA)	500 ppm (TWA) 2900 mg/m <sup>3</sup> (TWA)
Ethyl benzene	100-41-4	20 ppm (TWA)	100 ppm (TWA) 435 mg/m <sup>3</sup> (TWA)
Cumene	98-82-8	50 ppm (TWA)	Skin 50 ppm (TWA) 245 mg/m <sup>3</sup> (TWA)

### Undiluted Product:

#### Engineering measures to reduce exposure:

Good general ventilation should be sufficient to control airborne levels.

### Personal Protective Equipment

It is the responsibility of the employer to determine the potential risk of exposure to hazardous chemicals for employees in the workplace in order to determine the necessity, selection, and use of personal protective equipment.

#### Eye protection:

Chemical-splash goggles.

#### Hand protection:

Chemical-resistant gloves.

#### Skin and body protection:

Protective footwear. Wear suitable protective clothing.

#### 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:** 0.93 Kg/L

**Bulk density:** No information available

**Flash point (°F):** 105°F ≈ 41 °C

**Viscosity:** No information available

**VOC:** 27.3 g/L

**Flammability (Solid or Gas):** Not applicable

**Sustained combustion:** Not applicable

**Explosion limits: - upper:** Not determined **- lower:** Not determined

**Color:** Clear Amber

**Odor:** Characteristic

**Boiling point/range:** Not determined

**Decomposition temperature:** Not determined

**Solubility:** Insoluble

**Relative Density (relative to water):** 0.93

**Vapor density:** No information available

**Vapor pressure:** No information available.

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

**Elemental Phosphorus:** 0.00 % by wt.

**pH:** Not applicable

**Corrosion to metals:** Not corrosive to metals

\* - 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:**

Do not mix with any other product or chemical unless specified in the use directions.

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Conditions to avoid: None known.

## 11. TOXICOLOGICAL INFORMATION

### Information on likely routes of exposure:

Skin contact, Inhalation, Ingestion, Eye contact

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

**Skin contact:** Unlikely to be irritant in normal use.

**Eye contact:** Causes serious eye irritation. Symptoms may include pain, redness, and watering.

**Ingestion:** Symptoms may include stomach pain and nausea. Aspiration into the lungs may cause chemical pneumonitis. Symptoms may include coughing and difficulty breathing. May be fatal if swallowed and enters airways. May be irritating to mouth, throat and stomach.

**Inhalation:** Symptoms may include coughing and difficulty breathing. May be irritating to nose, throat, and respiratory tract.

**Sensitization:** No known effects.

**Target Organs (SE):** No information available

**Target Organs (RE):** None known

### Carcinogen Listings:

<b>Ingredient(s)</b>	<b>CAS #</b>	<b>NTP</b>	<b>IARC</b>	<b>OSHA</b>
Ethyl benzene	100-41-4		2B	X
Cumene	98-82-8		2B	

### Numerical measures of toxicity

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

## 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):** This product, as sold, if discarded or disposed, is a hazardous waste according to Federal regulations (40 CFR 261.4 (b)(4)). Under RCRA, it is the responsibility of the user of the product to determine, at the time of disposal, whether the waste solution meets RCRA criteria for hazardous waste. Dispose in compliance with all Federal, state, provincial, and local laws and regulations.

**RCRA Hazard Class (undiluted product):** D001 Ignitable Waste

**Contaminated Packaging:** Do not re-use empty containers.

## 14. TRANSPORT INFORMATION

**DOT/TDG/IMDG:** The information provided below is the full transportation classification for this product. This description does not account for the package size(s) of this product, that may fall under a quantity exception, according to the applicable transportation regulations. When shipping dangerous goods, please consult with your internal, certified hazardous materials specialist to determine if any exceptions can be applied to your shipment.

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

**IMDG (Ocean) Bill of Lading Description:** UN1263, PAINT, 3, III (41°C(cc))

## 15. REGULATORY INFORMATION

**International Inventories at CAS# Level**TSCA  
DSLAll components are listed or otherwise exempt  
All components are listed or otherwise exempt

WARNING: This product can expose you to chemicals including Ethyl benzene which are known to the State of California to cause cancer. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

**RIGHT TO KNOW (RTK)**

Ingredient(s)	CAS #	MARTK:	NJRTK:	PARTK:	RIRTK:
Distillates (petroleum), hydrotreated light	64742-47-8	-	-	-	-
Octamethylcyclotetrasiloxane	556-67-2	-	-	-	-
Naphtha (petroleum), heavy straight-run	64741-41-9	-	-	-	-
Mineral spirits	8052-41-3	X	X	X	-
2-ethylhexanoic acid, zirconium salt	22464-99-9	-	-	-	-
Ethyl benzene	100-41-4	X	X	X	X
Cumene	98-82-8	X	X	X	X

**CERCLA/ SARA**

Ingredient(s)	CAS #	Weight %	CERCLA/SARA RQ (lbs)	Section 302 TPQ (lbs)	Section 313
Ethyl benzene	100-41-4	> 0.1 - < 1%	1000		X
Cumene	98-82-8	> 0.1 - < 1%	5000		X

Ingredient(s)	CAA HAP	CAA ODS	CWA Priority Pollutants
Ethyl benzene	X		X
Cumene	X		

Ingredient(s)	CAS #	NPRI
Distillates (petroleum), hydrotreated light	64742-47-8	X
Mineral spirits	8052-41-3	X
Ethyl benzene	100-41-4	X
Cumene	98-82-8	X

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

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

Health 2

Flammability 2

Instability 0

Special Hazards -

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Reason for revision:

Not applicable

Prepared by:

North American Regulatory Affairs

Additional advice:

• Does not contain an added fragrance

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