



Polyurethane 275 One Coat Finish Low VOC oil modified wood finish

Version Number: 4

Preparation date: 2015-04-30

1. IDENTIFICATION

Product name: Polyurethane 275 One Coat Finish Low VOC oil modified wood finish
Product Code: 95915365
SDS #: MS0800221
Recommended use:

- Floor finish for professional use
- Industrial/Institutional

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

Manufacturer, importer, supplier: US Headquarters Diversey, Inc. 8310 16th St. Sturtevant, Wisconsin 53177-1964 Phone: 1-888-352-2249 MSDS Internet Address: www.diversey.com	Canadian Headquarters Diversey, Inc. - Canada 3755 Laird Road Mississauga, Ontario L5L 0B3 Phone: 1-800-668-3131
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Emergency telephone number: 1-800-851-7145 (U.S.); 1-651-917-6133 (Int'l)

2. HAZARDS IDENTIFICATION

Classification for the undiluted product

Aspiration Toxicity	Category 1
Germ cell mutagenicity	Category 1B
Carcinogenicity	Category 1B
Reproductive toxicity	Category 2
Flammability	Flammable liquid and vapour, Category 3



Signal Word: Danger.

Precautionary Statements

FLAMMABLE LIQUID AND VAPOR. MAY CAUSE GENETIC DEFECTS. MAY CAUSE CANCER. SUSPECTED OF DAMAGING FERTILITY OR THE UNBORN CHILD. MAY BE FATAL IF SWALLOWED AND ENTERS AIRWAYS.

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. 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. Wear protective gloves, protective clothing and eye or face protection. IF SWALLOWED: Immediately call a POISON CENTER (1-800-851-7145) or doctor/physician. IF ON SKIN (or hair): Take off immediately all contaminated clothing. IF exposed or concerned: Get medical attention or advice. Do NOT induce vomiting unless directed to do so by medical personnel. Wash contaminated clothing before reuse. In case of fire: Use CO₂, 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

Classification for the diluted product @ RTU

This product is intended to be used neat.

Precautionary Statements

None required.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Classified Ingredients

Ingredient(s)	CAS #	Weight %
Aliphatic hydrocarbons	64742-47-8	50 - 60%
Octamethylcyclotetrasiloxane	556-67-2	10 - 20%
Naphtha (petroleum), heavy straight-run	64741-41-9	10 - 20%
Mineral spirits	8052-41-3	10 - 20%
Zirconium octoate	22464-99-9	1% - < 3%
Cumene	98-82-8	> 0.1% - < 1%
Ethyl benzene	100-41-4	> 0.1% - < 1%

*Exact percentages are being withheld as trade secret information

4. FIRST AID MEASURES

Undiluted Product:

Eyes: Rinse with plenty of water. If irritation occurs and persists, get medical attention.

Skin: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water for at least 15 minutes. 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 (1-800-7145) or physician. DO NOT induce vomiting unless directed to do so by medical personnel.

Notes to physician: Contains petroleum distillate - vomiting may cause aspiration pneumonia.

Most Important Symptoms/Effects: No information available.

Immediate medical attention and special treatment needed Not applicable.

Aggravated Medical Conditions: No information available.

Diluted Product:

This product is intended to be used neat.

Eyes: See undiluted product information above.

Skin: See undiluted product information above.

Inhalation: See undiluted product information above.

Ingestion: See undiluted product information above.

5. FIRE-FIGHTING MEASURES

Specific methods:

Use water spray to keep fire-exposed containers cool

Suitable extinguishing media:

Alcohol-resistant foam. Carbon dioxide. Dry chemical. Do not use water.

Specific hazards:

Keep product and empty container away from heat and sources of ignition. Rags, steel wool, or waste soaked with this product may spontaneously catch fire if improperly discarded. Immediately after each use, place rags, steel wool, or waste in a sealed, water-filled, metal container.

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 water.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions:

Put on appropriate personal protective equipment (see Section 8.). Remove all sources of ignition.

**Environmental precautions
and clean-up methods:**

Ventilate the area.

Keep out of water supplies and sewers. Prevent product from entering drains. Soak up with oil absorbent material. Sweep up and shovel into suitable containers for disposal. Use a water rinse for final clean-up.

7. HANDLING AND STORAGE**Handling:** Do not taste or swallow. Avoid breathing vapors or mists. Avoid contact with skin, eyes and clothing. Wash thoroughly after handling. COMBUSTIBLE LIQUID AND VAPOR. Keep away from open flames, hot surfaces and sources of ignition. Use only in well-ventilated areas.**HANDLING OF WASTE MATERIALS:** Used finish materials (e.g. clean-up rags, steel wool, tacking towels) and sanding dust can spontaneously ignite if improperly discarded. Do not store waste finish materials or sanding dust in a pile or discard into the regular trash. Instead, immediately place all waste materials into a water-filled metal container and discard according to local, state and federal regulations. FOR COMMERCIAL AND INDUSTRIAL USE ONLY.**Storage:** Store in a cool, dry, well ventilated area away from heat or open flame. Protect from freezing. KEEP OUT OF REACH OF CHILDREN.**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
Octamethylcyclotetrasiloxane	556-67-2	-	-
Naphtha (petroleum), heavy straight-run	64741-41-9	-	-
Mineral spirits	8052-41-3	100 ppm (TWA)	500 ppm (TWA) 2900 mg/m ³ (TWA)
Zirconium octoate	22464-99-9	-	-
Cumene	98-82-8	50 ppm (TWA)	Skin 50 ppm (TWA) 245 mg/m ³ (TWA)
Ethyl benzene	100-41-4	20 ppm (TWA)	100 ppm (TWA) 435 mg/m ³ (TWA)

Undiluted Product:**Engineering measures to reduce exposure:**

Ventilate the area until completely dry and before allowing use of the room. In case of insufficient ventilation wear suitable respiratory equipment.

Personal Protective Equipment**Eye protection:**

No special requirements under normal use conditions.

Hand protection:

Chemical-resistant gloves.

Skin and body protection:

Wear suitable protective clothing.

Respiratory protection:

Use only in well-ventilated areas. In case of insufficient ventilation wear suitable respiratory equipment.

Hygiene measures:

Handle in accordance with good industrial hygiene and safety practice.

Diluted Product:

This product is intended to be used neat.

Personal Protective Equipment**Eye protection:**

No personal protective equipment required under normal use conditions.

Hand protection:

No personal protective equipment required under normal use conditions.

Skin and body protection:

No personal protective equipment required under normal use conditions.

Respiratory protection:

No personal protective equipment required under normal use conditions.

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:** 7.76 lbs/gal 0.93 Kg/L**Bulk density:** No information available**Flash point:** 110 °F 43.33 °C**Dilution Flash Point:** °F °C**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**Viscosity:** No information available

Elemental Phosphorus: 0 % by wt.

pH: Not applicable

Dilution pH: No information available. @ RTU

Metal Corrosion: Not determined

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

VOC: 263 g/L (40 CFR §59.400)

VOC % by wt. at use dilution 263 g/L (40 CFR §59.400)

Flammability (Solid or Gas): Not applicable

10. STABILITY AND REACTIVITY

Reactivity: Not Applicable

Stability: The product is stable

Hazardous decomposition products: None reasonably foreseeable.

Materials to avoid: Strong oxidising agents.

Conditions to avoid: Do not freeze. Keep away from open flames, hot surfaces and sources of ignition.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure:

Eye contact, Skin contact, Inhalation, Ingestion

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

Skin contact: May be mildly irritating to skin. Symptoms may include redness and/or transient discomfort.

Eye contact: May be mildly irritating to eyes.

Ingestion: May be fatal if swallowed and enters airways. Aspiration into the lungs may cause chemical pneumonitis. Symptoms may include coughing and difficulty breathing.

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 brain, liver, kidneys, nervous system

Carcinogen Listings: Statment per route of exposure or specific component

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

Numerical measures of toxicity

ATE - Oral (mg/kg): >5000 No data available

ATE - Inhalatory, mists (mg/l): >20

ATE - Inhalatory, vapors (mg/l): >50

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 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.

Contaminated Packaging: Do not re-use empty containers.

RCRA Hazard Class (undiluted product): D001 Ignitable Waste

14. TRANSPORT INFORMATION

DOT/TDG/IMDG: Proper shipping descriptions can vary by pack size. Please refer to the Diversey HazMat Library, **only available through Internet Explorer**, <http://naextranet.diversey.com/dot/>, for up to date shipping information.

DOT (Ground) Bill of Lading Description: BUFFING OR POLISHING COMPOUNDS

IMDG (Ocean) Bill of Lading Description: UN1263, PAINT, 3, III (43.33°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/NDSL).

U.S. Regulations

California Proposition 65: This product is not subject to the reporting requirements under California's Proposition 65.

RIGHT TO KNOW (RTK)

Ingredient(s)	CAS #	MARTK:	NJRTK:	PARTK:	RIRTK:
Aliphatic hydrocarbons	64742-47-8	-	-	-	-
Octamethylcyclotetrasiloxane	556-67-2	-	-	-	-
Naphtha (petroleum), heavy straight-run	64741-41-9	-	-	-	-
Mineral spirits	8052-41-3	X	X	X	-
Zirconium octoate	22464-99-9	-	-	-	-
Cumene	98-82-8	X	X	X	X
Ethyl benzene	100-41-4	X	X	X	X

CERCLA/ SARA

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

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

SARA 311/312 Hazard Categories

Immediate: -
Delayed: X
Fire: X
Reactivity: -
Sudden Release of Pressure: -

Canadian Regulations

WHMIS hazard class: None.

Ingredient(s)	CAS #	NPRI
Aliphatic hydrocarbons	64742-47-8	X
Mineral spirits	8052-41-3	X
Cumene	98-82-8	X
Ethyl benzene	100-41-4	X

16. OTHER INFORMATION

NFPA (National Fire Protection Association)

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

Health 2
Flammability 2
Instability 0

Version Number: 4
Preparation date: 2015-04-30

Reason for revision: Not applicable
Prepared by: NAPRAC
Additional advice:

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

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