

**ZEP LUXURY VINYL CERAMIC & PORCELAIN TLE**

Version 1.0

Revision Date 04/23/2019

Print Date 03/02/2020

**SECTION 1. PRODUCT AND COMPANY IDENTIFICATION**

Material name : ZEP LUXURY VINYL CERAMIC &amp; PORCELAIN TLE

Material number : ZULVCP64

**Manufacturer or supplier's details**

Company : Zep Inc.

Address : 350 Joe Frank Harris Parkway, SE  
Emerson, GA 30137

Telephone : 404-352-1680

**Emergency telephone numbers****For SDS Information** : Compliance Services 1-877-428-9937**For a Medical Emergency** : 877-541-2016 Toll Free - All Calls Recorded**For a Transportation  
Emergency** : CHEMTREC: 800-424-9300 - All Calls Recorded.  
In the District of Columbia 202-483-7616**Recommended use of the chemical and restrictions on use**

Recommended use : Cleaner

Note: This product is labeled as a consumer product in accordance with the United States Consumer Product Safety Commission regulations. The warnings presented below in this Safety Data Sheet (SDS) comply with the 2012 OSHA Hazard Communication Standard (GHS - Globally Harmonized System of Classification and Labeling). The requirements for the labeling and warnings of consumer products may differ from those required for GHS based hazard communication.

**SECTION 2. HAZARDS IDENTIFICATION****Emergency Overview**

|            |            |
|------------|------------|
| Appearance | liquid     |
| Colour     | colourless |
| Odour      | floral     |

**GHS Classification**

Not a hazardous substance or mixture.

**GHS label elements**

Not a hazardous substance or mixture.

**SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS****Hazardous components**

**ZEP LUXURY VINYL CERAMIC & PORCELAIN TILE**

Version 1.0

Revision Date 04/23/2019

Print Date 03/02/2020

| Chemical name             | CAS-No.  | Concentration [%] |
|---------------------------|----------|-------------------|
| 2-(2-butoxyethoxy)ethanol | 112-34-5 | >= 1 - < 5        |

The exact percentages of disclosed substances are withheld as trade secrets.

**SECTION 4. FIRST AID MEASURES**

- General advice : Do not leave the victim unattended.  
Move out of dangerous area.  
Show this safety data sheet to the doctor in attendance.
- If inhaled : If unconscious, place in recovery position and seek medical advice.  
If symptoms persist, call a physician.
- In case of skin contact : If on skin, rinse well with water.  
If symptoms persist, call a physician.
- In case of eye contact : Immediately flush eye(s) with plenty of water.  
Remove contact lenses.  
Protect unharmed eye.  
If eye irritation persists, consult a specialist.
- If swallowed : Keep respiratory tract clear.  
Do not give milk or alcoholic beverages.  
Never give anything by mouth to an unconscious person.  
If symptoms persist, call a physician.
- Most important symptoms and effects, both acute and delayed : Effects may be delayed, symptoms may include minor eye or skin irritation.  
Overexposure may cause mild eye or skin irritation.
- Notes to physician : Treat symptomatically. Symptoms may be delayed.

**SECTION 5. FIREFIGHTING MEASURES**

- Suitable extinguishing media : Dry powder  
Alcohol-resistant foam  
Carbon dioxide (CO<sub>2</sub>)  
Water spray
- Unsuitable extinguishing media : High volume water jet
- Specific hazards during firefighting : Do not allow run-off from fire fighting to enter drains or water courses.
- Hazardous combustion products : Carbon dioxide (CO<sub>2</sub>)  
Carbon monoxide  
Smoke
- Specific extinguishing methods : Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

**ZEP LUXURY VINYL CERAMIC & PORCELAIN TILE**

Version 1.0

Revision Date 04/23/2019

Print Date 03/02/2020

- Further information : Collect contaminated fire extinguishing water separately. This must not be discharged into drains.  
Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.
- Special protective equipment for firefighters : Wear self-contained breathing apparatus for firefighting if necessary.

**SECTION 6. ACCIDENTAL RELEASE MEASURES**

- Personal precautions, protective equipment and emergency procedures : Ensure adequate ventilation.  
Refer to protective measures listed in sections 7 and 8.
- Environmental precautions : Prevent product from entering drains.  
Prevent further leakage or spillage if safe to do so.  
If the product contaminates rivers and lakes or drains inform respective authorities.
- Methods and materials for containment and cleaning up : Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust).  
Sweep up or vacuum up spillage and collect in suitable container for disposal.

**SECTION 7. HANDLING AND STORAGE**

- Advice on safe handling : For personal protection see section 8.  
Smoking, eating and drinking should be prohibited in the application area.
- Conditions for safe storage : Electrical installations / working materials must comply with the technological safety standards.
- Materials to avoid : No materials to be especially mentioned.

**SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION****Components with workplace control parameters**

| Components                | CAS-No.  | Value type<br>(Form of exposure)      | Control parameters /<br>Permissible concentration | Basis |
|---------------------------|----------|---------------------------------------|---------------------------------------------------|-------|
| 2-(2-butoxyethoxy)ethanol | 112-34-5 | TWA<br>(Inhalable fraction and vapor) | 10 ppm                                            | ACGIH |

- Engineering measures** : effective ventilation in all processing areas

**Personal protective equipment**

- Respiratory protection : Use respiratory protection unless adequate local exhaust

**ZEP LUXURY VINYL CERAMIC & PORCELAIN TILE**

Version 1.0

Revision Date 04/23/2019

Print Date 03/02/2020

ventilation is provided or exposure assessment demonstrates that exposures are within recommended exposure guidelines.

Hand protection  
Remarks

: The use of skin protection is not normally required; however, good industrial hygiene practice suggests the use of gloves or other appropriate skin protection whenever working with chemicals, and especially if prolonged or frequent contact is possible or likely.

Eye protection

: Safety glasses

Skin and body protection

: No special protection is required.

Hygiene measures

: When using do not eat or drink.  
When using do not smoke.

**SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES**

|                                        |                           |
|----------------------------------------|---------------------------|
| Appearance                             | : liquid                  |
| Colour                                 | : colourless              |
| Odour                                  | : floral                  |
| Odour Threshold                        | : not determined          |
| pH                                     | : 9.05                    |
| Melting point/freezing point           | : not determined          |
| Boiling point                          | : not determined          |
| Flash point                            | :<br>does not flash       |
| Evaporation rate                       | : No data available       |
| Upper explosion limit                  | : not determined          |
| Lower explosion limit                  | : not determined          |
| Vapour pressure                        | : not determined          |
| Relative vapour density                | : No data available       |
| Relative density                       | : No data available       |
| Density                                | : 0.999 g/cm <sup>3</sup> |
| Solubility(ies)                        |                           |
| Water solubility                       | : soluble                 |
| Solubility in other solvents           | : not determined          |
| Partition coefficient: n-octanol/water | : No data available       |
| Auto-ignition temperature              | : not determined          |

**ZEP LUXURY VINYL CERAMIC & PORCELAIN TILE**

Version 1.0

Revision Date 04/23/2019

Print Date 03/02/2020

Thermal decomposition : No data available

Viscosity

Viscosity, kinematic : not determined

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**SECTION 10. STABILITY AND REACTIVITY**

Reactivity : Stable

Chemical stability : Stable under normal conditions.

Possibility of hazardous reactions : No hazards to be specially mentioned.

Conditions to avoid : Extremes of temperature and direct sunlight.

Incompatible materials : None.

Hazardous decomposition products : Carbon dioxide (CO<sub>2</sub>)  
Carbon monoxide

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**SECTION 11. TOXICOLOGICAL INFORMATION****Potential Health Effects**

Aggravated Medical Condition : None known.

Symptoms of Overexposure : Effects may be delayed, symptoms may include minor eye or skin irritation.

**Carcinogenicity:****IARC**

No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

**ACGIH**

No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.

**OSHA**

No component of this product present at levels greater than or equal to 0.1% is on OSHA's list of regulated carcinogens.

**NTP**

No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

**Acute toxicity**

No data available

**Skin corrosion/irritation****Product:**

**ZEP LUXURY VINYL CERAMIC & PORCELAIN TLE**

Version 1.0

Revision Date 04/23/2019

Print Date 03/02/2020

Remarks: May cause skin irritation and/or dermatitis.

**Serious eye damage/eye irritation****Product:**

Remarks: May irritate eyes.

**Respiratory or skin sensitisation**

No data available

**Germ cell mutagenicity**

No data available

**Carcinogenicity**

No data available

**Reproductive toxicity**

No data available

**STOT - single exposure**

No data available

**STOT - repeated exposure**

No data available

**Aspiration toxicity**

No data available

**Further information****Product:**

Remarks: No data available

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**SECTION 12. ECOLOGICAL INFORMATION****Ecotoxicity**

No data available

**Persistence and degradability**

No data available

**Bioaccumulative potential****Product:**

Partition coefficient: n- : Remarks: No data available  
octanol/water

**Components:**

**2-(2-butoxyethoxy)ethanol :**

Partition coefficient: n- : Pow: 1

**ZEP LUXURY VINYL CERAMIC & PORCELAIN TILE**

Version 1.0

Revision Date 04/23/2019

Print Date 03/02/2020

octanol/water

**Mobility in soil**

No data available

**Other adverse effects**

No data available

**Product:**

Regulation

40 CFR Protection of Environment; Part 82 Protection of Stratospheric Ozone - CAA Section 602 Class I Substances

Remarks

This product neither contains, nor was manufactured with a Class I or Class II ODS as defined by the U.S. Clean Air Act Section 602 (40 CFR 82, Subpt. A, App.A + B).

Additional ecological information

: No data available

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**SECTION 13. DISPOSAL CONSIDERATIONS****Disposal methods**

Waste from residues

: The product should not be allowed to enter drains, water courses or the soil.  
Do not contaminate ponds, waterways or ditches with chemical or used container.  
Dispose of in accordance with local regulations.

Contaminated packaging

: Empty remaining contents.  
Dispose of as unused product.  
Do not re-use empty containers.  
Do not burn, or use a cutting torch on, the empty drum.

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**SECTION 14. TRANSPORT INFORMATION**

Transportation Regulation: 49 CFR (USA):  
NOT REGULATED AS DANGEROUS GOODS OR HAZARDOUS MATERIAL

Transportation Regulation: IMDG (Vessel):  
NOT REGULATED AS DANGEROUS GOODS OR HAZARDOUS MATERIAL

Transportation Regulation: IATA (Cargo Air):  
NOT REGULATED AS DANGEROUS GOODS OR HAZARDOUS MATERIAL

Transportation Regulation: IATA (Passenger Air):  
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**ZEP LUXURY VINYL CERAMIC & PORCELAIN TILE**

Version 1.0

Revision Date 04/23/2019

Print Date 03/02/2020

Transportation Regulation: TDG (Canada):  
NOT REGULATED AS DANGEROUS GOODS OR HAZARDOUS MATERIAL

The product as delivered to the customer conforms to packaging requirements for shipment by road under US Department of Transportation (DOT) regulations. Additional transportation classifications noted above are for reference only, and not a certification or warranty of the suitability of the packaging for shipment under these alternative transport regulations.

**SECTION 15. REGULATORY INFORMATION**

**TSCA list** : No substances are subject to a Significant New Use Rule.

No substances are subject to TSCA 12(b) export notification requirements.

**EPCRA - Emergency Planning and Community Right-to-Know Act****CERCLA Reportable Quantity**

This material does not contain any components with a CERCLA RQ.

**SARA 304 Extremely Hazardous Substances Reportable Quantity**

This material does not contain any components with a section 304 EHS RQ.

**SARA 311/312 Hazards** : No SARA Hazards

**SARA 302** : No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

**SARA 313** : The following components are subject to reporting levels established by SARA Title III, Section 313:

|                           |          |          |
|---------------------------|----------|----------|
| 2-(2-butoxyethoxy)ethanol | 112-34-5 | 1.4937 % |
| 2-butoxyethanol           | 111-76-2 | 0.0075 % |

**California Prop. 65**

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

**The components of this product are reported in the following inventories:**

**DSL** All components of this product are on the Canadian DSL  
**TSCA** On TSCA Inventory



**ZEP LUXURY VINYL CERAMIC & PORCELAIN TILE**

Version 1.0

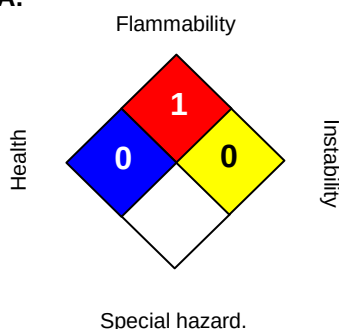
Revision Date 04/23/2019

Print Date 03/02/2020

For information on the country notification status for other regions please contact the manufacturer's regulatory group.

**Inventory Acronym and Validity Area Legend:**

TSCA (USA), DSL (Canada), NDSL (Canada)

**SECTION 16. OTHER INFORMATION****Further information****NFPA:****HMIS III:**

|                        |          |
|------------------------|----------|
| <b>HEALTH</b>          | <b>0</b> |
| <b>FLAMMABILITY</b>    | <b>1</b> |
| <b>PHYSICAL HAZARD</b> | <b>0</b> |

0 = not significant, 1 = Slight,  
2 = Moderate, 3 = High  
4 = Extreme, \* = Chronic

**OSHA - GHS Label Information:**

Not a hazardous substance or mixture.

|                |            |
|----------------|------------|
| Version:       | 1.0        |
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