Material Safety Data Sheet

WET LOOK Recoater Paver Protector WL5 - 3.78L / 1gal. (121-103/241-103)
18.93L / 5gal. (121-106/241-106) 208.20L / 55gal. (221-108)

1. Product and company identification

- **Product name**: WET LOOK Recoater Paver Protector WL5
- **Material uses**: Protects pavers and slabs made of concrete.
- **Code**: 241-103/121-103
- **Supplier/Manufacturer**: Techniseal
  - 300, avenue Liberté
  - Candiac, QC, Canada, J5R 6X1
  - Tel: (514) 523-2110
  - Toll free: 1-800-465-7325
  - Fax: (450) 633-3035
- **Validation date**: 12/21/2011.
- **Prepared by**: Atrion Regulatory Services, Inc.
- **In case of emergency**: CANUTEC (613) 996-6666

2. Hazards identification

- **Physical state**: Liquid.
- **Color**: Clear.
- **Odor**: Hydrocarbon.
- **Emergency overview**
  - **Signal word**: DANGER!
  - **Hazard statements**: FLAMMABLE LIQUID AND VAPOR. INHALATION CAUSES HEADACHES, DIZZINESS, DROWSINESS AND NAUSEA AND MAY LEAD TO UNCONSCIOUSNESS. CAUSES RESPIRATORY TRACT, EYE AND SKIN IRRITATION. PROLONGED OR REPEATED CONTACT MAY DRY SKIN AND CAUSE IRRITATION. CONTAINS MATERIAL THAT MAY CAUSE TARGET ORGAN DAMAGE, BASED ON ANIMAL DATA.
  - **Precautions**: Keep away from heat, sparks and flame. Do not breathe vapor or mist. Avoid contact with eyes, skin and clothing. Use only with adequate ventilation. Keep container tightly closed and sealed until ready for use. Wash thoroughly after handling.
  - **OSHA/HCS status**: This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).
  - **Routes of entry**: Dermal contact. Eye contact. Inhalation. Ingestion.
  - **Potential acute health effects**
    - **Inhalation**: Can cause central nervous system (CNS) depression. Irritating to respiratory system.
    - **Ingestion**: Can cause central nervous system (CNS) depression.
    - **Skin**: Irritating to skin.

1/11 United States/Canada 12/21/2011.
Eyes: Irritating to eyes.

Potential chronic health effects

Chronic effects: Contains material that may cause target organ damage, based on animal data. Prolonged or repeated contact can defat the skin and lead to irritation, cracking and/or dermatitis.

Carcinogenicity: No known significant effects or critical hazards.

Mutagenicity: No known significant effects or critical hazards.

Teratogenicity: No known significant effects or critical hazards.

Developmental effects: No known significant effects or critical hazards.

Fertility effects: No known significant effects or critical hazards.

Target organs: Contains material which may cause damage to the following organs: blood, kidneys, lungs, liver, upper respiratory tract, skin, central nervous system (CNS), eye, lens or cornea.

Over-exposure signs/symptoms

Inhalation: Adverse symptoms may include the following:
- Nausea or vomiting
- Respiratory tract irritation
- Coughing
- Headache
- Drowsiness/fatigue
- Dizziness/vertigo
- Unconsciousness

Ingestion: No specific data.

Skin: Adverse symptoms may include the following:
- Irritation
- Redness
- Dryness
- Cracking

Eyes: Adverse symptoms may include the following:
- Pain or irritation
- Watering
- Redness

Medical conditions aggravated by over-exposure: Pre-existing disorders involving any target organs mentioned in this MSDS as being at risk may be aggravated by over-exposure to this product.

3. Composition/information on ingredients

United States

<table>
<thead>
<tr>
<th>Name</th>
<th>CAS number</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>tert-Butyl acetate</td>
<td>540-88-5</td>
<td>50-80</td>
</tr>
<tr>
<td>Acetone</td>
<td>67-64-1</td>
<td>10-30</td>
</tr>
<tr>
<td>Solvent naphtha (petroleum) heavy aliph.</td>
<td>64742-96-7</td>
<td>1-5</td>
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Canada

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<thead>
<tr>
<th>Name</th>
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<td>64742-96-7</td>
<td>1-5</td>
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</tbody>
</table>

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

4. First aid measures

Eye contact: Check for and remove any contact lenses. Immediately flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical attention immediately.

Skin contact: In case of contact, immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Wash clothing before reuse. Clean shoes thoroughly before reuse. Get medical attention immediately.

Inhalation: Move exposed person to fresh air. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. Loosen tight clothing such as a collar, tie, belt or waistband. Get medical attention immediately.

Ingestion: Wash out mouth with water. Do not induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Get medical attention immediately.

Protection of first-aiders: No action shall be taken involving any personal risk or without suitable training. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation.

Notes to physician: No specific treatment. Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.

5. Fire-fighting measures

Flammability of the product: Flammable liquid. In a fire or if heated, a pressure increase will occur and the container may burst, with the risk of a subsequent explosion. Runoff to sewer may create fire or explosion hazard.

Extinguishing media
Suitable: Use dry chemical, CO₂, water spray (fog) or foam.
Not suitable: Do not use water jet.
Special exposure hazards: Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. Move containers from fire area if this can be done without risk. Use water spray to keep fire-exposed containers cool.

Hazardous thermal decomposition products: Decomposition products may include the following materials:
- carbon dioxide
- carbon monoxide

Special protective equipment for fire-fighters: Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

6. Accidental release measures

Personal precautions: No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Shut off all ignition sources. No flares, smoking or flames in hazard area. Do not breathe vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment (see Section 8).

Environmental precautions: Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).
Small spill: Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Use spark-proof tools and explosion-proof equipment. Dispose of via a licensed waste disposal contractor.

Large spill: Stop leak if without risk. Move containers from spill area. Approach release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations (see section 13). Use spark-proof tools and explosion-proof equipment. Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilled product. Note: see section 1 for emergency contact information and section 13 for waste disposal.

7. Handling and storage

Handling: Put on appropriate personal protective equipment (see Section 8). Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. Do not breathe vapor or mist. Do not ingest. Avoid contact with eyes, skin and clothing. Use only with adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Do not enter storage areas and confined spaces unless adequately ventilated. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Store and use away from heat, sparks, open flame or any other ignition source. Use explosion-proof electrical (ventilating, lighting and material handling) equipment. Use non-sparking tools. Take precautionary measures against electrostatic discharges. To avoid fire or explosion, dissipate static electricity during transfer by grounding and bonding containers and equipment before transferring material. Empty containers retain product residue and can be hazardous. Do not reuse container.

Storage: Store in accordance with local regulations. Store in a segregated and approved area. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see section 10) and food and drink. Eliminate all ignition sources. Separate from oxidizing materials. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination.

8. Exposure controls/personal protection

United States

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>Exposure limits</th>
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<tbody>
<tr>
<td>tert-Butyl acetate</td>
<td>OSHA PEL 1989 (United States, 3/1989). TWA: 200 ppm 8 hour(s). TWA: 950 mg/m³ 8 hour(s). ACGIH TLV (United States, 2/2010). TWA: 200 ppm 8 hour(s). TWA: 950 mg/m³ 8 hour(s).</td>
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<tr>
<td>Acetone</td>
<td>NIOSH REL (United States, 6/2009). TWA: 200 ppm 10 hour(s). TWA: 950 mg/m³ 10 hour(s). ACGIH TLV (United States, 2/2010). TWA: 200 ppm 8 hour(s). TWA: 950 mg/m³ 8 hour(s). NIOSH REL (United States, 6/2009). TWA: 200 ppm 10 hour(s). TWA: 950 mg/m³ 10 hour(s).</td>
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</table>

4/11

United States/Canada 12/21/2011.
WET LOOK Recoater WL5

STEL: 1782 mg/m³ 15 minute(s).
TWA: 750 ppm 8 hour(s).
TWA: 1800 mg/m³ 8 hour(s).
STEL: 1000 ppm 15 minute(s).
STEL: 2400 mg/m³ 15 minute(s).
NIOSH REL (United States, 6/2009).
TWA: 250 ppm 10 hour(s).
TWA: 590 mg/m³ 10 hour(s).
OSHA PEL (United States, 6/2010).
TWA: 1000 ppm 8 hour(s).
TWA: 2400 mg/m³ 8 hour(s).

Canada

Occupational exposure limits

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<th>List name</th>
<th>ppm</th>
<th>mg/m³</th>
<th>Other</th>
<th>ppm</th>
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<th>Other</th>
<th>ppm</th>
<th>mg/m³</th>
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<td>BC 9/2010</td>
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</table>

[3] Skin sensitization

Consult local authorities for acceptable exposure limits.

Recommended monitoring procedures: If this product contains ingredients with exposure limits, personal, workplace atmosphere or biological monitoring may be required to determine the effectiveness of the ventilation or other control measures and/or the necessity to use respiratory protective equipment.

Engineering measures: Use only with adequate ventilation. Use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits. The engineering controls also need to keep gas, vapor or dust concentrations below any lower explosive limits. Use explosion-proof ventilation equipment.

Hygiene measures: Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking, using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

Personal protection

Respiratory: Use a properly fitted, air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this is necessary. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.

Hands: Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary.

Eyes: Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists or dusts.

Skin: Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

Environmental exposure controls: Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

9. Physical and chemical properties

Physical state : Liquid.
Flash point : Closed cup: <=4°C (<=39.2°F)
Auto-ignition temperature : Not available.
Flammable limits : Not available.
Color : Clear.
Odor : Hydrocarbon.
pH : Not available.
Boiling/condensation point : >=150°C (>=302°F)
Melting/freezing point : <=-50°C (<=-58°F)
Density : 0.879 g/cm³
Vapor pressure : Not available.
Vapor density : Not available.
VOC content : <=3.3 lbs/gal (<=395 g/l)
Odor threshold : Not available.
Evaporation rate : Not available.
Viscosity : Dynamic: 7.5 mPa·s (7.5 cP)
Solubility : Not available.
LogKow : Not available.

10. Stability and reactivity

Chemical stability : The product is stable.
Conditions to avoid : Avoid all possible sources of ignition (spark or flame). Do not pressurize, cut, weld, braze, solder, drill, grind or expose containers to heat or sources of ignition.
Incompatible materials : Reactive or incompatible with the following materials: oxidizing materials, acids and alkalis.

Hazardous decomposition products : Under normal conditions of storage and use, hazardous decomposition products should not be produced.
Possibility of hazardous reactions : Under normal conditions of storage and use, hazardous reactions will not occur.

11. Toxicological information

Acute toxicity

<table>
<thead>
<tr>
<th>Product/ingredient name</th>
<th>Result</th>
<th>Species</th>
<th>Dose</th>
<th>Exposure</th>
</tr>
</thead>
<tbody>
<tr>
<td>tert-Butyl acetate</td>
<td>LD50 Oral</td>
<td>Rat</td>
<td>4100 mg/kg</td>
<td>-</td>
</tr>
<tr>
<td>Acetone</td>
<td>LD50 Oral</td>
<td>Rat</td>
<td>5800 mg/kg</td>
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</tr>
<tr>
<td>Solvent naphtha (petroleum) heavy aliph.</td>
<td>LC50 Inhalation Vapor</td>
<td>Rat</td>
<td>5.28 mg/l</td>
<td>4 hours</td>
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<td>LD50 Dermal</td>
<td>Rabbit</td>
<td>&gt;2000 mg/kg</td>
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<td></td>
<td>LD50 Oral</td>
<td>Rat</td>
<td>&gt;5000 mg/kg</td>
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</tbody>
</table>

Chronic toxicity

Not available.
## Wet Look Recoater WL5

### Sensitizer
Not available.

### Carcinogenicity

#### Classification

<table>
<thead>
<tr>
<th>Product/ingredient name</th>
<th>ACGIH</th>
<th>IARC</th>
<th>EPA</th>
<th>NIOSH</th>
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<td>Acetone</td>
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</table>

### Mutagenicity
Not available.

### Teratogenicity
Not available.

### Reproductive toxicity
Not available.

### 12. Ecological information

#### Ecotoxicity
No known significant effects or critical hazards.

##### Aquatic ecotoxicity

<table>
<thead>
<tr>
<th>Product/ingredient name</th>
<th>Result</th>
<th>Species</th>
<th>Exposure</th>
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#### Persistence/degradability
Not available.
13. Disposal considerations

Waste disposal: The generation of waste should be avoided or minimized wherever possible. Significant quantities of waste product residues should not be disposed of via the foul sewer but processed in a suitable effluent treatment plant. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Care should be taken when handling emptied containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Vapor from product residues may create a highly flammable or explosive atmosphere inside the container. Do not cut, weld or grind used containers unless they have been cleaned thoroughly internally. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

Disposal should be in accordance with applicable regional, national and local laws and regulations. Refer to Section 7: HANDLING AND STORAGE and Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION for additional handling information and protection of employees.

14. Transport information

<table>
<thead>
<tr>
<th>Regulatory information</th>
<th>UN number</th>
<th>Proper shipping name</th>
<th>Classes</th>
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<th>Label</th>
<th>Additional information</th>
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<tr>
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<td>UN1993</td>
<td>Flammable liquids, n.o.s. (Acetone)</td>
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<td>Limited quantity Yes.</td>
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<td>Quantity limitation: 1 L</td>
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## 15. Regulatory information

### United States

**HCS Classification**
- Flammable liquid
- Irritating material
- Target organ effects

**U.S. Federal regulations**
- TSCA 8(a) PAIR: tert-Butyl acetate
- TSCA 8(a) IUR: Not determined
- United States inventory (TSCA 8b): All components are listed or exempted.
- SARA 302/304/311/312 extremely hazardous substances: No products were found.
- SARA 302/304 emergency planning and notification: No products were found.
- SARA 302/304/311/312 hazardous chemicals: Acetone; Solvent naphtha (petroleum) heavy aliph.; tert-Butyl acetate
- SARA 311/312 MSDS distribution - chemical inventory - hazard identification:
  - Acetone: Fire hazard, Immediate (acute) health hazard, Delayed (chronic) health hazard; Solvent naphtha (petroleum) heavy aliph.: Immediate (acute) health hazard, Delayed (chronic) health hazard; tert-Butyl acetate: Fire hazard, Immediate (acute) health hazard

**Clean Water Act (CWA) 311**: tert-Butyl acetate

**Clean Air Act (CAA) 112 accidental release prevention**: No products were found.

**Clean Air Act Section 112(b) Hazardous Air Pollutants (HAPs)**: Not listed

**Clean Air Act Section 602 Class I Substances**: Not listed

**Clean Air Act Section 602 Class II Substances**: Not listed

**DEA List I Chemicals (Precursor Chemicals)**: Not listed

**DEA List II Chemicals (Essential Chemicals)**: Listed

**SARA 313**
- Form R - Reporting requirements: Not applicable.
- Supplier notification: Not applicable.

### State regulations

**Massachusetts**: The following components are listed: TERT-BUTYL ACETATE; ACETONE

**New York**: The following components are listed: tert-Butyl acetate; Acetone

**New Jersey**: The following components are listed: tert-BUTYL ACETATE; ACETIC ACID, 1,1-DIMETHYLETHYL ESTER; ACETONE; 2-PROPANONE

**Pennsylvania**: The following components are listed: ACETIC ACID, 1,1-DIMETHYLETHYL ESTER; 2-PROPANONE

**California Prop. 65**: Not available.

### Canada

**WHMIS (Canada)**: Class B-2: Flammable liquid
- Class D-2B: Material causing other toxic effects (Toxic).
Canadian lists

- **Canadian NPRI**: The following components are listed: Volatile organic compounds.
- **CEPA Toxic substances**: The following components are listed: Volatile organic compounds.
- **Canada inventory**: All components are listed or exempted.

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

International regulations

- **International lists**: Australia inventory (AICS): Not determined.  
  China inventory (IECSC): Not determined.  
  Japan inventory: Not determined.  
  Korea inventory: Not determined.  
  New Zealand Inventory of Chemicals (NZIoC): Not determined.  
  Philippines inventory (PICCS): Not determined.

Chemical Weapons Convention List Schedule I Chemicals: Not listed

Chemical Weapons Convention List Schedule II Chemicals: Not listed

Chemical Weapons Convention List Schedule III Chemicals: Not listed

16. Other information

Label requirements: **FLAMMABLE LIQUID AND VAPOR. INHALATION CAUSES HEADACHES, DIZZINESS, DROWSINESS AND NAUSEA AND MAY LEAD TO UNCONSCIOUSNESS. CAUSES RESPIRATORY TRACT, EYE AND SKIN IRRITATION. PROLONGED OR REPEATED CONTACT MAY DRY SKIN AND CAUSE IRRITATION. CONTAINS MATERIAL THAT MAY CAUSE TARGET ORGAN DAMAGE, BASED ON ANIMAL DATA.**

Hazardous Material Information System (U.S.A.)

Caution: HMIS® ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks. Although HMIS® ratings are not required on MSDSs under 29 CFR 1910.1200, the preparer may choose to provide them. HMIS® ratings are to be used with a fully implemented HMIS® program. HMIS® is a registered mark of the National Paint & Coatings Association (NPCA). HMIS® materials may be purchased exclusively from J. J. Keller (800) 327-6868.

The customer is responsible for determining the PPE code for this material.

National Fire Protection Association (U.S.A.)
Notice to reader
To the best of our knowledge, the information contained herein is accurate. However, neither the above-named supplier, nor any of its subsidiaries, assumes any liability whatsoever for the accuracy or completeness of the information contained herein.
Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

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Version: 2

Indicates information that has changed from previously issued version.