



# SAFETY DATA SHEET

## Staycell<sup>®</sup> 275-1.8, Component B

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| <b>Revision date: 04/29/14</b>  |  |
| <b>1. Product and Company Identification</b>  |  |
| <b>Manufacturer</b><br>Preferred Solutions, Inc.<br>7819 Broadview Road<br>Cleveland, OH 44131<br><br><b>Telephone Number:</b> 800-522-4522<br><b>Fax Number:</b> 216-642-1166  | <b>Manufacturer Emergency Contacts &amp; Phone Number</b><br>PERS (US): 24 hours/7 days<br>800-633-8253 Domestic<br>801-629-0667 International |
| <b>Product Name: Staycell<sup>®</sup> 275-1.8, Component B</b><br><br><b>Chemical family: resin</b><br><b>Synonyms: Urethane System Resin Component</b>   |  |
| <b>2. Hazards Identification</b>  |  |
| <b>WARNING: May cause severe eye and skin irritation. Contact with skin may cause allergic skin reaction. May cause respiratory tract sensitization</b>   |  |
| <b>Appearance/Odor: Amber colored liquid with a slight aromatic odor</b>  |  |
| <b>Primary Routes(s) of Entry</b><br>Skin Contact, Inhalation.  |  |
| <b>Eye Hazards</b><br>Causes irritation eye irritation. Irritation may be severe, causing burns and leading to permanent eye damage.  |  |
| <b>Skin Hazards</b><br>May cause skin irritation. Irritation may be severe resulting in burns to the skin from prolonged contact. May cause allergic skin reaction.   |  |
| <b>Ingestion Hazards</b><br>Harmful if swallowed. Ingestion may cause; corrosive lesions of the mouth, throat and esophagus, gastrointestinal upset, nausea and vomiting, abdominal pain, central nervous system depression and neurological disorders. Ingestion may result in injury to the liver and kidneys.          |  |
| <b>Inhalations Hazards</b><br>Inhalation of vapors or mists may cause irritation of the nose and throat. Symptoms of respiratory tract irritation include sore throat, coughing, wheezing, and shortness of breath. Severe cases can result in pulmonary edema and even death. May cause respiratory tract sensitization. |  |
| <b>Chronic/Carcinogenicity Effects</b><br>None of the ingredients of this product comprising over 0.1% are classified as carcinogenic according to OSHA, National Toxicology Program (NTP), International Agency for Research on Cancer (IARC) or the American Conference of Governmental Industrial Hygienists (ACGIH).  |  |

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| <b>3. Composition / Information On Ingredients</b>   |               |  |                         |
|--|---------------|--|-------------------------|
| Ingredient Name  | CAS Number    |  | Percent of Total Weight |
| hydrofluorocarbons*  | 460-73-1      |  | 5-15                    |
| aromatic diamine   | 68479-98-1    |  | 1-5                     |
| dimethylcyclohexylamine  | 98-94-2       |  | 1-5                     |
| brominated polyalcohol   | 77098-07-8    |  | 5-15                    |
| polyol blend   | Not Available |  | 55-75                   |
| chlorinated phosphate ester  | 13674-84-5    |  | 5-15                    |
| dimethylaminomethyl phenol   | 90-72-2       |  | 1-5                     |
| *Non-ozone depleting ingredient  |               |  |                         |
| <b>4. First Aid Measures</b>   |               |  |                         |
| <p><b>Eye</b><br/>In case of contact, hold eyelids apart and immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention immediately. Remove contact lenses, if worn.</p> <p><b>Skin</b><br/>Remove contaminated clothing and shoes. In case of contact, immediately flush skin with plenty of water for at least 15 minutes. Get medical attention immediately.</p> <p><b>Ingestion</b><br/>Call a physician or a poison control center immediately.</p> <p><b>Inhalation</b><br/>Remove the person from the contaminated area to fresh air. If breathing is difficult, give oxygen. If not breathing, give artificial respiration. Get medical attention immediately.</p>   |               |  |                         |
| <b>5. Fire Fighting Measures</b>   |               |  |                         |
| <p><b>Flash Point:</b> 269° F.<br/> <b>Flash Point Method:</b> closed cup<br/> <b>Lower Explosive Limit:</b> 7.1%<br/> <b>Upper Explosive Limit:</b> 17.7%</p> <p><b>Fire and Explosion Hazards</b><br/>           Thermal decomposition (burning) may release irritating, corrosive and/or toxic gases, vapors and fumes. Closed containers may explode when heated due to increased pressure. Do not puncture, cut open or reuse empty containers.</p> <p><b>Extinguishing Media</b><br/>           Use the appropriate extinguishing media for the surrounding fire. Water spray or fog, carbon dioxide (CO<sub>2</sub>), dry chemical, alcohol foam.</p> <p><b>Fire Fighting Instructions</b><br/>           Firefighters should wear self-contained breathing apparatus and full protective gear.</p> |               |  |                         |



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| <b>6. Accidental Release Measures</b>   |
| Eliminate all ignition sources. Use appropriate personal protective equipment (PPE). Contain and/or absorb spill with inert material (e.g. sand, vermiculite). Collect and dispose. Avoid runoff to waterways and sewers.   |
| <b>7. Handling and Storage</b>  |
| <b>Handling and Storage Precautions</b><br>Keep containers tightly closed. Store in a cool, dry, well-ventilated area. Protect from physical damage. Use only with adequate ventilation. Wash thoroughly after handling. Empty containers may contain hazardous residue, do not reuse. Open containers slowly to allow any pressure build-up to vent safely. Do not open or spray near eyes and face.   |
| <b>Shelf Life</b><br>Staycell <sup>®</sup> 275-1.8, Component B is stable for six (6) months when stored in tightly sealed drums at 50° to 75°F.  |
| <b>8. Exposure Controls/Personal Protection</b>   |
| <b>Engineering Controls</b><br>Use with adequate ventilation. When used outdoors, stay well away from building air intakes or close the intakes to prevent product from entering building.  |
| <b>Eye/Face Protection</b><br>Safety glasses with side shields or goggles recommended.  |
| <b>Skin Protection</b><br>Use with chemical-protective gloves to prevent excessive skin contact. Chemical-resistant gloves made of rubber can be used.  |
| <b>Respiratory Protection</b><br>The level of respiratory protection needed should be based on the evaluation of chemical exposures by a health or safety professional. For interior applications, full body protection is recommended including an air-supplied respirator such as a self-contained breathing apparatus (SCBA) or a supplied air respirator (SAR) in the positive pressure or continuous flow mode (this includes air supplied hoods). Alternatively, a full-face air purifying respirator with suitable organic vapor/particulate filter combination cartridge (OV/P100) may be worn. |
| <b>9. Physical and Chemical Properties</b>  |
| <b>Appearance:</b> Amber colored liquid<br><b>Odor:</b> Low, slight aromatic<br><b>Chemical Type:</b> Mixture<br><b>Physical State:</b> Liquid<br><b>Boiling Point:</b> Not available<br><b>Specific Gravity:</b> 1.2 at 70°F<br><b>Vapor Pressure:</b> Not available<br><b>pH Factor:</b> 7-10<br><b>Solubility:</b> Moderate in water   |
| <b>10. Stability and Reactivity</b>   |
| <b>Stability:</b> Stable<br><b>Hazardous Polymerization:</b> Will not occur   |
| <b>Incompatible Materials</b><br>Avoid contact with strong oxidizing agents, acids.   |

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| <p><b><u>Hazardous Decomposition Products</u></b><br/>Toxic and irritating gases, vapors or fumes of: carbon monoxide (CO), carbon dioxide (CO<sub>2</sub>), oxides of nitrogen, hydrogen fluoride, aldehydes, ketones.</p>   |                |
| <p><b>11. Toxicological Information</b></p>   |                |
| <p><b><u>Miscellaneous Toxicological Information</u></b><br/>Toxicological testing has not been conducted for this product overall. Available toxicological data for individual ingredients are summarized below.</p>   |                |
| <p><b><u>Ingredients(s) - Toxicological Data</u></b><br/>aromatic diamine<br/>oral-rat, LD50: 542 mg/kg<br/>chlorinated phosphate ester<br/>oral-rat LD50: 2 2800 mg/kg<br/>inhal-rat LC50: 4.6 mg/L/4H<br/>dimethylaminomethyl phenol<br/>LC50 (ORAL-RAT): 1670 mg/kg<br/>LC50 (DERMAL-RABBIT): 1242 mg/kg</p> |                |
| <p><b>12. Ecological Information</b></p>  |                |
| <p>No specific information available.</p>   |                |
| <p><b>13. Disposal Considerations</b></p>   |                |
| <p>Dispose in accordance with applicable federal, state and local government regulations. Avoid/prevent release to the environment.</p>   |                |
| <p><b>14. Transport Information</b></p>   |                |
| US  | Not Restricted |
| Canada  | Not Restricted |
| IATA  | Not Restricted |
| IMDG  | Not Restricted |
| <p><b>15. Regulatory Information</b></p>  |                |
| <p><b><u>U.S. Regulatory Information</u></b><br/>Warning: Contains a substance known to the State of California to cause cancer, birth defects or other reproductive harm.</p>  |                |
| <p><b><u>Sara Hazard Classes</u></b><br/>Acute Health Hazard</p>  |                |
| <p><b><u>Ingredient(s) – State Regulations</u></b><br/>dimethylcyclohexylamine<br/>New Jersey – Workplace Hazard<br/>New Jersey – Special Hazard<br/>New York City – Hazardous Substance</p>  |                |
| <p><b><u>Canadian Regulatory Information</u></b><br/>This product has been classified in accordance with the hazard criteria of the CPR and the MSDS contains all the information required by the CPR. WHMIS Classification: D2B – Toxic.</p>   |                |

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**WHMIS – Canada (Pictograms)**



**HMIS**

|                            |          |
|----------------------------|----------|
| <b>HEALTH</b>              | <b>2</b> |
| <b>FLAMMABILITY</b>        | <b>1</b> |
| <b>REACTIVITY</b>          | <b>0</b> |
| <b>PERSONAL PROTECTION</b> |          |

**16. Other Information**

None

**MSDS Prepared by:**

Preferred Solutions, Inc. Product Stewardship  
Prepared on: 04/29/2014

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