



SAFETY DATA SHEET

Staycell[®] 275-1.8, Component B

Revision date: 04/29/14	
1. Product and Company Identification	
Manufacturer Preferred Solutions, Inc. 7819 Broadview Road Cleveland, OH 44131 Telephone Number: 800-522-4522 Fax Number: 216-642-1166	Manufacturer Emergency Contacts & Phone Number PERS (US): 24 hours/7 days 800-633-8253 Domestic 801-629-0667 International
Product Name: Staycell[®] 275-1.8, Component B Chemical family: resin Synonyms: Urethane System Resin Component	
2. Hazards Identification	
WARNING: May cause severe eye and skin irritation. Contact with skin may cause allergic skin reaction. May cause respiratory tract sensitization	
Appearance/Odor: Amber colored liquid with a slight aromatic odor	
Primary Routes(s) of Entry Skin Contact, Inhalation.	
Eye Hazards Causes irritation eye irritation. Irritation may be severe, causing burns and leading to permanent eye damage.	
Skin Hazards May cause skin irritation. Irritation may be severe resulting in burns to the skin from prolonged contact. May cause allergic skin reaction.	
Ingestion Hazards 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.	
Inhalations Hazards 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.	
Chronic/Carcinogenicity Effects 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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3. Composition / Information On Ingredients			
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			
4. First Aid Measures			
<p>Eye 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>Skin 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>Ingestion Call a physician or a poison control center immediately.</p> <p>Inhalation 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>			
5. Fire Fighting Measures			
<p>Flash Point: 269° F. Flash Point Method: closed cup Lower Explosive Limit: 7.1% Upper Explosive Limit: 17.7%</p> <p>Fire and Explosion Hazards 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>Extinguishing Media Use the appropriate extinguishing media for the surrounding fire. Water spray or fog, carbon dioxide (CO₂), dry chemical, alcohol foam.</p> <p>Fire Fighting Instructions Firefighters should wear self-contained breathing apparatus and full protective gear.</p>			



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6. Accidental Release Measures
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.
7. Handling and Storage
Handling and Storage Precautions 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.
Shelf Life Staycell [®] 275-1.8, Component B is stable for six (6) months when stored in tightly sealed drums at 50° to 75°F.
8. Exposure Controls/Personal Protection
Engineering Controls Use with adequate ventilation. When used outdoors, stay well away from building air intakes or close the intakes to prevent product from entering building.
Eye/Face Protection Safety glasses with side shields or goggles recommended.
Skin Protection Use with chemical-protective gloves to prevent excessive skin contact. Chemical-resistant gloves made of rubber can be used.
Respiratory Protection 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.
9. Physical and Chemical Properties
Appearance: Amber colored liquid Odor: Low, slight aromatic Chemical Type: Mixture Physical State: Liquid Boiling Point: Not available Specific Gravity: 1.2 at 70°F Vapor Pressure: Not available pH Factor: 7-10 Solubility: Moderate in water
10. Stability and Reactivity
Stability: Stable Hazardous Polymerization: Will not occur
Incompatible Materials Avoid contact with strong oxidizing agents, acids.

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<p><u>Hazardous Decomposition Products</u> Toxic and irritating gases, vapors or fumes of: carbon monoxide (CO), carbon dioxide (CO₂), oxides of nitrogen, hydrogen fluoride, aldehydes, ketones.</p>	
<p>11. Toxicological Information</p>	
<p><u>Miscellaneous Toxicological Information</u> Toxicological testing has not been conducted for this product overall. Available toxicological data for individual ingredients are summarized below.</p>	
<p><u>Ingredients(s) - Toxicological Data</u> aromatic diamine oral-rat, LD50: 542 mg/kg chlorinated phosphate ester oral-rat LD50: 2 2800 mg/kg inhal-rat LC50: 4.6 mg/L/4H dimethylaminomethyl phenol LC50 (ORAL-RAT): 1670 mg/kg LC50 (DERMAL-RABBIT): 1242 mg/kg</p>	
<p>12. Ecological Information</p>	
<p>No specific information available.</p>	
<p>13. Disposal Considerations</p>	
<p>Dispose in accordance with applicable federal, state and local government regulations. Avoid/prevent release to the environment.</p>	
<p>14. Transport Information</p>	
US	Not Restricted
Canada	Not Restricted
IATA	Not Restricted
IMDG	Not Restricted
<p>15. Regulatory Information</p>	
<p><u>U.S. Regulatory Information</u> Warning: Contains a substance known to the State of California to cause cancer, birth defects or other reproductive harm.</p>	
<p><u>Sara Hazard Classes</u> Acute Health Hazard</p>	
<p><u>Ingredient(s) – State Regulations</u> dimethylcyclohexylamine New Jersey – Workplace Hazard New Jersey – Special Hazard New York City – Hazardous Substance</p>	
<p><u>Canadian Regulatory Information</u> 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

HEALTH	2
FLAMMABILITY	1
REACTIVITY	0
PERSONAL PROTECTION	

16. Other Information

None

MSDS Prepared by:

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

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