



## MATERIAL SAFETY DATA SHEET

### Staycell ONE STEP™ 255, Component B

<b>1. Product and Company Identification</b>			
<b>Manufacturer</b> Preferred Solutions, Inc. 7819 Broadview Road Cleveland, OH 44131  <b>Company Contact:</b> Jack S. Stahl <b>Telephone Number:</b> 800-522-4522 <b>Fax Number:</b> 216-642-1166		<b>Manufacturer Emergency Contacts &amp; Phone Number</b> CHEMTREC: 800-424-9300	
<b>Revised Date:</b> 05/26/09 <b>Product Name:</b> Staycell ONE STEP™ 255, Component B			
<b>2. Composition/Information On Ingredients</b>			
Ingredient Name	CAS Number		Percent of Total Weight
1,1,1,3,3-pentafluoropropane (HFC-245fa)	460-73-1		5-10
Tertiary Amine Catalyst			1-5
2-dimethylaminoethanol	108-01		1-5
Dipropylene Glycol	25265-71-8		<2
Ethylene Glycol	107-21-1		2-5
Polyol			60-75
<b>3. Hazards Identification</b>			
<b>Emergency Overview</b> Caution: May cause eye, skin and respiratory tract irritation. Sensitizer. May cause liver, kidney and reproductive harm			
<b>Primary Routes(s) of Entry</b> Skin & Eye Contact, Inhalation.			
<b>Eye Hazards</b> May cause eye irritation. Irritation may be severe, causing burns and leading to permanent eye damage.			
<b>Skin Hazards</b> May cause skin irritation. Irritation may be severe resulting in burns to the skin from prolonged contact. A minor constituent in this product is in a class of compounds that may cause cholinesterase inhibition. Symptoms of such inhibition may include salivation, sweating, headache, nausea and abdominal cramps.			
<b>Ingestion Hazards</b> 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>4. First Aid Measures</b>			
<b>Eye</b> 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.			
<b>Skin</b> Remove contaminated clothing and shoes. In case of contact, immediately flush skin with plenty of water for at least 15 minutes. If irritation develops seek medical attention.			



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<p><b><u>Ingestion</u></b> Rinse mouth and drink plenty of water. Do not induce vomiting. Immediate medical attention required.</p>
<p><b><u>Inhalation</u></b> 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>
<p><b>5. Fire Fighting Measures</b></p> <p><b>Flash Point:</b> Above 200° F.</p> <p><b><u>Fire and Explosion Hazards</u></b> 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><u>Extinguishing Media</u></b> Use the appropriate extinguishing media for the surrounding fire. Water spray or fog, carbon dioxide (CO<sup>2</sup>), dry chemical, alcohol foam.</p> <p><b><u>Fire Fighting Instructions</u></b> Firefighters should wear self-contained breathing apparatus and full protective gear.</p>
<p><b>6. Accidental Release Measures</b></p> <p>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.</p>
<p><b>7. Handling and Storage</b></p> <p><b><u>Handling and Storage Precautions</u></b> Keep containers tightly sealed and stored at 50° to 75°F for maximum shelf life. Storage temperatures must not exceed 85°F. Do not store in direct sunlight. Open the container slowly to allow any pressure to be released before removing the bung. Keep drums tightly sealed when not in use to avoid contamination. Water, solvents or oil in the liquid components will degrade foam quality. Protect from heat, sparks and open flame. Do not cut or weld on or near this container. Do not smoke near container. Do not store near food or feed.</p> <p><b><u>Shelf Life</u></b> Staycell ONE STEP™ 255, Component B is stable for two (2) months when stored in tightly sealed drums at 50° to 75°F.</p>
<p><b>8. Exposure Controls/Personal Protection</b></p>
<p><b>9. Physical and Chemical Properties</b></p> <p><b>Appearance:</b> Amber colored liquid <b>Odor:</b> Low, slight aromatic <b>Chemical Type:</b> Mixture <b>Physical State:</b> Liquid <b>Specific Gravity:</b> 1.2 at 70° F. <b>pH Factor:</b> 7-10 <b>Solubility:</b> moderate in water</p>
<p><b>10. Stability and Reactivity</b></p> <p><b>Stability:</b> Stable <b>Hazardous Polymerization:</b> Will not occur <b>Incompatible Materials:</b> Avoid contact with strong oxidizing agents, acids. <b>Hazardous Decomposition Products:</b> 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>



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<b>12. Ecological Information</b>											
<b>13. Disposal Considerations</b>											
Dispose in accordance with applicable federal, state and local government regulations. Avoid/prevent release to the environment.											
<b>14. Transport Information</b>											
Not Regulated - Resin Compound											
<b>15. Regulatory Information</b>											
<b><u>CERCLA RQ</u></b>	<b><u>CAS Number</u></b>	<b><u>Chemical Name</u></b>									
5000 lbs	107-21-1	ethyleneglycol									
<b><u>SARA 313</u></b>	<b><u>CAS Number</u></b>	<b><u>Chemical Name</u></b>									
	107-21-1	ethyleneglycol									
<b><u>State Regulations:</u></b>	<b><u>CAS Number</u></b>	<b><u>Chemical Name</u></b>	<b><u>State RTK</u></b>								
	108-01-0	2-dimethylaminoethanol	MA, NJ, PA								
<b><u>Sara Hazard Classes</u></b>											
Acute Health Hazard											
<b>California - Proposition 65:</b>											
This product contains a chemical(s) known to the State of California to cause cancer.											
<b>16. Other information</b>											
<b>HMIS III</b>											
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 80%;">HEALTH</td> <td style="width: 20%; text-align: center;">1</td> </tr> <tr> <td>FLAMMABILITY</td> <td style="text-align: center;">1</td> </tr> <tr> <td>REACTIVITY</td> <td style="text-align: center;">0</td> </tr> <tr> <td>PERSONAL PROTECTION</td> <td> </td> </tr> </table>				HEALTH	1	FLAMMABILITY	1	REACTIVITY	0	PERSONAL PROTECTION	
HEALTH	1										
FLAMMABILITY	1										
REACTIVITY	0										
PERSONAL PROTECTION											
HMIS uses a numbering scale ranging from 0 to 4 to indicate the degree of hazard. A value of zero means that the substance possesses essentially no hazard; a rating of four indicates high hazard											
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