



MATERIAL SAFETY DATA SHEET

Staycell ONE STEP® 255, Component B

1. Product and Company Identification			
Manufacturer Preferred Solutions, Inc. 7819 Broadview Road Cleveland, OH 44131 Company Contact: Jack S. Stahl Telephone Number: 800-522-4522 Fax Number: 216-642-1166		Manufacturer Emergency Contacts & Phone Number CHEMTREC: 800-424-9300	
Revised Date: 05/26/09 Product Name: Staycell ONE STEP® 255, Component B			
2. Composition/Information On Ingredients			
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
3. Hazards Identification			
Emergency Overview Caution: May cause eye, skin and respiratory tract irritation. Sensitizer. May cause liver, kidney and reproductive harm			
Primary Routes(s) of Entry Skin & Eye Contact, Inhalation.			
Eye Hazards May cause 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. 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.			
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.			
4. First Aid Measures			
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.			
Skin 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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Ingestion

Rinse mouth and drink plenty of water. Do not induce vomiting. Immediate medical attention required.

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.

5. Fire Fighting Measures

Flash Point: Above 200° F.

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.

Extinguishing Media

Use the appropriate extinguishing media for the surrounding fire. Water spray or fog, carbon dioxide (CO²), dry chemical, alcohol foam.

Fire Fighting Instructions

Firefighters should wear self-contained breathing apparatus and full protective gear.

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 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.

Shelf Life

Staycell ONE STEP® 255, Component B is stable for two (2) months when stored in tightly sealed drums at 50° to 75°F.

8. Exposure Controls/Personal Protection

9. Physical and Chemical Properties

Appearance: Amber colored liquid

Odor: Low, slight aromatic

Chemical Type: Mixture

Physical State: Liquid

Specific Gravity: 1.2 at 70° F.

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.

Hazardous Decomposition Products: Toxic and irritating gases, vapors or fumes of: carbon monoxide (CO), carbon dioxide (CO₂), oxides of nitrogen, hydrogen fluoride, aldehydes, ketones



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11. Toxicological Information											
12. Ecological Information											
13. Disposal Considerations											
Dispose in accordance with applicable federal, state and local government regulations. Avoid/prevent release to the environment.											
14. Transport Information											
Not Regulated - Resin Compound											
15. Regulatory Information											
<u>CERCLA RQ</u>	<u>CAS Number</u>	<u>Chemical Name</u>									
5000 lbs	107-21-1	ethyleneglycol									
<u>SARA 313</u>	<u>CAS Number</u>	<u>Chemical Name</u>									
	107-21-1	ethyleneglycol									
<u>State Regulations:</u>	<u>CAS Number</u>	<u>Chemical Name</u>	<u>State RTK</u>								
	108-01-0	2-dimethylaminoethanol	MA, NJ, PA								
<u>Sara Hazard Classes</u>											
Acute Health Hazard											
California - Proposition 65:											
This product contains a chemical(s) known to the State of California to cause cancer.											
16. Other information											
HMIS III											
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 75%;">HEALTH</td> <td style="width: 25%; 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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