



**Product Safety
Information
(California Compliant)**

Staycell ONE STEP[®] 502 A-ISOCYANATE

**Complete free health and safety training
before applying this product.**

**Complete la capacitación gratuita
sobre salud y seguridad
antes de aplicar este producto.**



**Center for the Polyurethanes Industry
Spray Polyurethane Foam Chemical Health and Safety Training**

STAYCELL ONE STEP[®] 502 A-ISOCYANATE

FOR INDUSTRIAL USE ONLY - CONSULT SAFETY DATA SHEET FOR DETAILS. READ ALL INSTRUCTIONS BEFORE APPLYING THIS PRODUCT.

Hazard Statement: Toxic gases/fumes may be given off during burning or thermal decomposition. Closed container may forcibly rupture under extreme heat or when contents have been contaminated with water. Use cold water spray or cool fire-exposed containers to minimize the risk of rupture. Causes respiratory tract irritation. May cause allergic respiratory reaction. Harmful if inhaled. Respiratory sensitizer. Lung damage and respiratory sensitization may be permanent. Causes skin irritation. May cause allergic skin reaction. Skin sensitizer. Animal tests and other research indicate that skin contact with MDI can play a role in causing isocyanate sensitization and respiratory reaction. Causes eye irritation. May cause lung damage.

Handling/Storage Precautions: Keep containers tightly sealed and stored at 50° to 75° Fahrenheit for maximum shelf life. Do not store in direct sunlight. Open the container slowly to allow any pressure to be released before removing the bung or lid. Keep drums tightly sealed 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 container. Do not smoke near container. Staycell ONE STEP[®] 502 A-Isocyanate is stable for six (6) months when stored properly. Store locked up.

First Aid:

Eye Contact: Immediately flush eyes with plenty of water for at least 15 minutes. Use lukewarm water if possible. Use fingers to ensure that eyelids are separated and that the eye is being irrigated. Get medical attention.

Skin Contact: Immediately remove contaminated clothing and shoes. Wash off with soap and water. Use lukewarm water if possible. Wash contaminated clothing before reuse. For severe exposures, immediately get under safety shower and begin rinsing. Get medical attention if irritation develops.

Inhalation: Move to an area free from further exposure. Get medical attention immediately. Administer oxygen or artificial respiration as needed. Asthmatic symptoms may develop and may be immediate or delayed up to several hours. Extreme asthmatic reactions can be life threatening.

Ingestion: Do not induce vomiting. Wash mouth out with water. Do not give anything by mouth to an unconscious person. Get medical attention.

Spill and Leak Procedures: Major spill or leak (standing liquid): Released material may be pumped into closed, but not sealed, metal container for disposal. Process can generate heat. Minor spill or leak (wet surface): Cover spill area with suitable absorbent material (Kitty Litter, Oil-Dri[®], etc.). Saturate absorbent material with neutralization solution and mix. Wait 15 minutes. Collect material in open-headed metal containers. Repeat applications of decontamination solution, with scrubbing, followed by absorbent until the surface is decontaminated. Check for residual surface contamination. Swype[®] test kits have been used for this purpose. Apply lid loosely and allow containers to vent for 72 hours to let carbon dioxide (CO₂) escape.

Disposal Considerations: Empty containers retain product residue, observe all precautions for product. Do not heat or cut empty container with electric or gas torch because highly toxic vapors and gases are formed. Do not reuse without thorough commercial cleaning and reconditioning. If container is to be disposed, ensure all product residues are removed prior to disposal. Incinerate or dispose of in a licensed facility in accordance with federal, state and local regulations. Do not discharge substance/product into sewer system.

Re-entry (Workers/Other Trades): Only properly trained SPF applicators and helpers wearing full required PPE may remain in the spray area during application and initial cure. Re-entry for unprotected workers is permitted after 12-24 hours provided adequate ventilation has been maintained to remove aerosol mists and vapors.

Re-occupancy (Building Occupants/Residents): Building occupants/residents shall vacate the structure during SPF installation. Re-occupancy is permitted only after the foam has fully cured, the space has been ventilated to remove aerosol mists and vapors and all surfaces have been cleaned of residual dust.

Ventilation: Mechanical ventilation shall be maintained during application and for the full re-entry/re-occupancy interval at minimum of 1 air change per hour (ACH); higher ventilation rates (e.g., 20 ACH) may reduce worker re-entry time to as low as 1-4 hours, but do not shorten residential re-occupancy below 24 hours.

	HMIS	NFPA
Health	2	2
Flammability	1	1
Physical Hazard	1	
Instability		1
Specific Hazard		



DANGER



Scan QR code for additional guides and details.

PSI

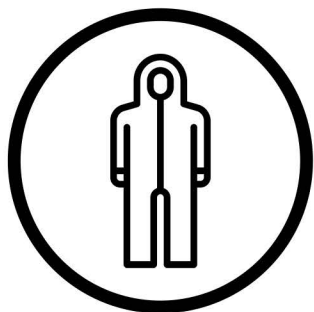
Preferred Solutions, Inc.
1700 London Road
Cleveland, OH 44112

(800) 522-4522
preferredsolutions.net

In case of emergency, call P.E.R.S.
Domestic: 800-633-8253
International: 801-629-0667

STAYCELL ONE STEP® 502 A-ISOCYANATE

REQUIRED FOR HANDLING



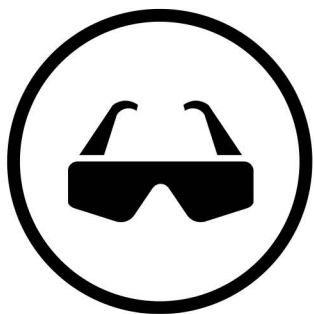
Full body
chemical-resistant suit
(Tyvek®, KleenGuard®)



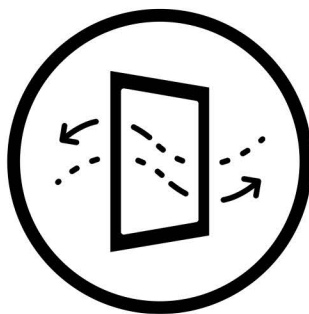
Indoor: full-face supplied air respirator
Outdoor: full-face air purifying respirator (cartridge type)



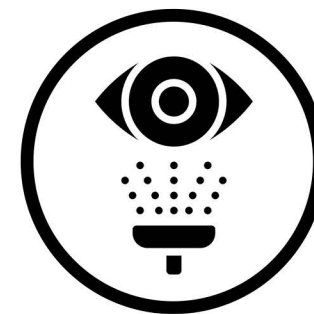
Nitrile, Neoprene,
Butyl Rubber, or PVC gloves



Safety goggles or safety glasses
with side shields



Forced mechanical (fan)
10-20 ACH per hour



Always have emergency eyewash or
portable eyewash bottle at jobsite

PSI

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Disposal of Empty* Drums Containing Polyurethane Chemicals



PREPARATION FOR DISPOSAL

- Read the manufacturer's Safety Data Sheet (SDS) for specific disposal instructions.
- Use proper personal protective equipment (PPE) when handling drums. PPE should be appropriate for and specific to the characteristics of the material that was in the drum prior to it being "empty."
- Ensure the drum is empty prior to disposal.
- Even empty drums can retain product residue which may be harmful to health; observe all precautions for product if contact occurs (see SDS).

PROPER DISPOSAL

- To ensure proper disposal of drums, contact a professional drum re-conditioner, professional scrap metal recycler, or an approved landfill.
- The Reusable Industrial Packaging Association (RIPA) can help you find a drum recycler (www.reusablepackaging.org).
- If a drum recycler is not available contact the product manufacturer for additional guidance.
- Some metal recyclers or re-conditioners may require drums to be decontaminated prior to accepting the drum. Before attempting to use a neutralization solution to decontaminate an empty drum, contact the product manufacturer for drum decontamination procedures.

WARNING

- Do not reuse drums that have not been professionally cleaned and reconditioned by appropriate entities.
- Do not allow anyone, including workers or the general public, to reuse drums.
- Do not torch cut, weld, or heat drum. Highly toxic vapors and gases may result.

Always consult federal, state and local regulations prior to disposing of used component chemical drums and waste!

*This poster provides general guidelines for empty drums. Emptying a container until it is "drip dry" is generally considered a common practice employed to remove materials from containers. "Drip dry" simply means all residuals have been removed that can be removed using commonly employed practices for that type of container and no more than 2.5 centimeters (1 inch) of residue remains on the bottom of the container or liner that the container has been emptied according to 40 CFR § 261.7(b)(1). For drums containing residual product, contact your supplier for additional guidance.

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