

Security Floor Treatment: Example Entryway Control Procedures

This product use summary is intended to provide a general overview of how the product can be applied, used and disposed of as part of an entryway control procedure. This summary is not intended to provide detailed emergency response, medical, safety, health or treatment information. Reference the product Material Safety Data Sheet (MSDS) for in-depth safety and health information.

Product Overview

Security Floor Treatment (SFT) belongs to a class of products commonly referred to as alkali-peroxides. As the name implies, alkali-peroxides are alkaline compounds that contain or release peroxide compounds.

Exposure to SFT can cause irritation to the skin, eyes, and respiratory tract. Ingestion should be avoided at all concentrations.

Product Description

SFT is packaged either in fiber drums containing 4 mil, translucent plastic liners or open-head 1-gallon high-density polyethylene jugs with white foam-lined caps. Typical physical properties are provided in Table 1.

Table 1: Typical physical properties for Security Floor Treatment

Appearance	White granules
Odor	Mild to none
pH (1% in water, wt/wt)	10
Melting Point	>250°F (>121°C)
Packed Density	7.9#/gal (950g/l)
Foam Characteristics	Low

General Hazard Considerations

The primary hazard attributable to SFT stems from its oxidizing nature. SFT is categorized as a Class 1 Oxidizer according to documentation from the National Fire Protection Association (NFPA)

(<http://www.nfpa.org/assets/files/pdf/research/oxidizerclassificationproject.pdf>).

Class 1 Oxidizers:

- Slightly increase the burning rate of combustible materials.
- Do not cause spontaneous ignition when they come in contact with them.

Class 1 Oxidizers are not generally considered dangerous when wetted or when they come in contact with living tissue.

Product Use

When handling SFT, avoid contact with eyes, skin or clothing. Use proper personal protective equipment (PPE) as defined in the Material Safety Data Sheet or Safety Data Sheet. Typical handling PPE consists of leg coverings (e.g. long pants), shoes that cover the entire foot, safety glasses and gloves. Dust masks may also be worn if the material is handled in a way that makes the dust become airborne.

SFT is intended for undiluted application to floors and other non-metallic surfaces. A recommended entryway treatment program follows.

1. Before the first shift, apply 1/16 to 1/8 inch (1.6 to 3.2 millimeter) thick in entryway or on a clean, rubber mat
 - e.g. Anderson Flex Tip mats (36"x72" (SKU=874L) and 24"x36" (SKU=874S) available from DeVere
 - Note that you do not need to evenly distribute the product over the entire mat; traffic across the mat will distribute powder throughout the day
2. Check mat at the end of the first shift
 - Remove mat if no white SFT is visible and/or any fluid that may have accumulated in the mat has a pH below 9.0
 - i. If mat was removed, replace with clean mat and product as described in step 1 of this procedure
 - ii. Removed mats must be taken to a wash sink during the same shift that the mat was removed, rinsed thoroughly with water until visibly clean and then left to dry
3. At the end of the final production shift, sweep areas around each entryway control mat and put the sweepings into the mat
4. Remove mat containing leftover product and sweepings
5. Removed mats must be taken to a wash sink during the same shift that the mat was removed, rinsed thoroughly with water until visibly clean and then left to dry
6. Clean floors and area around mat location per daily cleaning SOP
7. Replace with clean mat and product as described in step 1 of this procedure

Properly mark all transportation containers containing this product. Secondary containment tags and self-adhesive labels are available from DeVere Company, Inc. (DeVere).

See product use training materials and product label for more information.

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