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## MATERIAL DATA SAFETY SHEET

### T 1000 STAMPABLE OVERLAY

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DATE REEVALUED: Cr tkl7."4234  
MSDS No. 104

#### 1. PRODUCT IDENTIFICATION AND INFORMATION

Product Identifier: T 1000 STAMPABLE OVERLAY  
Chemical Notation or Structure: Mixture  
General Information: Butterfield Color® 630) 906-1980  
Emergency Information: CHEMTREC 800-424-9300

#### 2. INGREDIENTS

	<u>WT. %</u>	<u>CAS Registry</u>
Silica-Crystalline Quartz	----	14808-60-7
Portland Cement	----	65997-15-1

EXPOSURE LIMITS 8HRS. TWA			
	OSHA PEL mg/m <sub>3</sub>	ACGIH TLV mg/m <sub>3</sub>	NIOSH REL mg/
Silica	10/%SiO <sub>2</sub> +2	0.1	0.05
Portland Cement	15 (total dust) 5 (respirable dust)	10 ----	10 (total dust) 5(respirable dust)

#### 3. PHYSICAL AND CHEMICAL PROPERTIES

Vapor Pressure: Not Applicable  
Specific Gravity (H<sub>2</sub>O=1): > 1  
Solubility in Water: Slightly Soluble

Boiling Point: Not Applicable

Vapor Density: Not Applicable  
Evaporation Rate: Not Applicable  
Melting Point: Not Applicable

Appearance: Gray  
Odor: No Odor

#### **4. FIRE AND EXPLOSION**

Flashpoint and Method: None  
Flammable Limits: None  
Auto-ignition Temperature: None  
Fire Extinguishing Media: Non-combustible  
Special Fire Fighting Procedures: None  
Unusual Fire and Explosion Hazards: None

#### **5. REACTIVITY**

Stability: Stable  
Hazardous Polymerization: Will not occur  
Materials and Conditions to Avoid: Strong oxidizers  
Hazardous Decomposition Products: None

#### **6. HEALTH**

Inhalation: Shortness of breath, coughing and reduced pulmonary function. Long-term excessive exposure to respirable crystalline silica may cause silicosis. Acute developing silicosis may occur in a short period of time in heavy exposures.

Eyes and Skin: May cause eye and skin irritation, burns and dermatitis. An allergic Dermatitis may occur from contact with cobalt-containing products.

Ingestion: May cause gastrointestinal tract irritation.

Medical Conditions Aggravated: Pre-existing chronic respiratory, eye and skin diseases.

Carcinogenicity:

NTP- Yes    IARC- Yes    OSHA- No    NIOSH- Yes

Respirable crystalline silica is a listed carcinogen.

First Aid Measures:

**Inhalation-** Remove exposed person to fresh air. Get medical attention if symptoms persist.

**Eye Contact-** Flush eyes with water for at least 15 minutes. Get medical attention if symptoms persist.

**Skin Contact-** Wash with mild soap and water. Get medical attention if symptoms persist.

**Ingestion-** Get medical attention.

## **7. HANDLING AND STORAGE**

General: Store in cool, dry location. Avoid creating excessive dust in the presence of an ignition source.

Spill Cleanup: Isolate and contain spill. Avoid excessive dust generation and runoff into a sewer or waterway. Collect and reuse, if possible. Place waste in a disposal container, and dispose of in accordance with local, state and federal regulations.

## **8. EXPOSURE CONTROLS/ PERSONAL PROTECTION**

Engineering Controls: Use only in well ventilated areas. Ventilation should be sufficient to maintain airborne levels of ingredients below the acceptable limits.

Skin and Eye Protection: Impervious gloves, safety glasses with side shields or safety goggles, and suitable clothing to minimize skin contact recommended.

Respiratory Protection: Use only NIOSH- approved respirators if necessary to prevent excessive dust inhalation.

Work Practices: Avoid contact with skin and eyes. Avoid breathing dust. Wash thoroughly with soap and water. Remove and clean work clothing.

This Material Safety Data Sheet (MSDS) was developed from information contained in published MSDSs and standard references. Butterfield Color<sup>®</sup> makes no guarantees or warranty, either expressed or implied, as to the accuracy or completeness of the data contained in this MSDS.