



## SAFETY DATA SHEET

**Product Name:** *Molded Grating*

### SECTION 1 - PRODUCT AND COMPANY IDENTIFICATION

**Product Type:** Article

**Manufacturer's Name:** Strongwell Corporation  
400 Commonwealth Avenue  
Bristol, VA 24210

**Emergency Telephone No.:** 276-645-8000

#### 24 Hour Emergency Telephone Numbers

Chemtec (US transportation): (800) 424-9300  
Canutec (Canadian Transportation): (613) 996-6666  
Poison Control Center (Medical): (877) 800-5553

### SECTION 2 - HAZARDS IDENTIFICATION

As manufactured, this product is considered non-hazardous.

**CLASSIFICATION:** This product meets the definition of "article" under 29CFR1910-1200(c): a manufactured item (i) which is formed to a specific shape or design during its manufacture; (ii) which has end function(s) dependent in whole or part upon its shape or design during end use; and (iii) which under normal conditions of use does not release more than very small quantities of hazardous chemicals, and does not pose a physical hazard or health risk. If you do not process this product in a manner that will create sufficient quantities of combustible dust to create a hazard, this SDS may not apply.

#### GHS LABEL:



**HAZARD STATEMENT:** Product may form combustible dust and particulate matter during drilling, grinding, cutting, or sanding operations. Refer to NFPA 654 for guidance on prevention of fire and dust explosions.

H317: MAY CAUSE AN ALLERGIC SKIN REACTION

H320: MAY CAUSE EYE IRRITATION

#### PRECAUTIONARY STATEMENTS:

P261: AVOID BREATHING DUST/FUME/GAS/MIST/VAPORS/SPRAY

P280: WEAR PROTECTIVE GLOVES/PROTECTIVE CLOTHING/ EYE PROTECTION/FACE PROTECTION

#### POTENTIAL ACUTE HEALTH EFFECTS:

INHALATION: Nuisance dust from machining may cause respiratory tract irritation.

EYES: Nuisance dust from machining may cause eye irritation.



**SKIN CONTACT:** No effects expected under normal use. Nuisance dust from machining may cause irritation.

**INGESTION:** Unlikely under normal use.

### **SECTION 3 – COMPOSITION / INFORMATION ON INGREDIENTS**

Molded Fiberglass Grating products are composed of a mixture of resin, inorganic fillers, pigments, processing additives, and fiberglass reinforcement. During the manufacturing process, the mixture is cured and hardened into a solid, stable material that is non-hazardous when handled properly and in accordance with good industrial hygiene practices.

### **SECTION 4 – FIRST AID MEASURES**

Not expected to present a significant health hazard under normal, anticipated use. Dust particles from processing may cause irritation.

**EYES:** Do not rub eyes. While holding the eyelid(s) open, flush with lukewarm, gently flowing water for 5 minutes or until the particle/dust is removed. Obtain medical attention if needed.

**SKIN:** Wash with soap and water.

**INGESTION:** Ingestion is unlikely with normal use.

**INHALATION:** If exposed to excessive levels of dust, remove to fresh air and get medical attention if cough or other symptoms develop.

### **SECTION 5 – FIRE FIGHTING MEASURES**

**EXTINGUISHING MEDIA:** Dry chemical, carbon dioxide, or foam.

**EXPLOSION HAZARD:** Excessive dust buildup (from cutting, grinding or sanding) has the potential to combust.

**FIRE FIGHTING PROCEDURES:** During a fire, irritating and/or toxic smoke may be generated. Wear full firefighting gear with proper respiratory protection (SCBA).

### **SECTION 6 – ACCIDENTAL RELEASE MEASURES**

#### **ENVIRONMENTAL PRECAUTIONS:**

Avoid dust generation during processing. Dust should not be allowed to accumulate and may form an explosive mixture in excessive concentrations.



## SECTION 7 – HANDLING AND STORAGE

**GENERAL PROCEDURES:** Avoid contact with eyes, skin, and clothing. Wear proper gloves when handling.

**HANDLING:** Refer to NFPA 654 for additional guidance on safe handling of combustible dusts.

## SECTION 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

Chemical Component	OSHA PELs (Permissible Exposure Limits for the workplace)	ACGIH TLV's (Threshold Limit Values)
Particulate dust	TWA: 15.0 mg/m <sup>3</sup> (total dust)	TWA: 5.0 mg/m <sup>3</sup> (inhalable fraction)
Particulate dust	TWA: 5.0 mg/m <sup>3</sup> (respirable fraction)	TWA: 1 fiber/cm <sup>3</sup> (respirable fraction)

**GENERAL PROTECTIVE MEASURES:** Do not inhale dust.

**EYE/FACE PROTECTION:** Wear safety goggles when processing, cutting, grinding, etc.

**PROTECTIVE CLOTHING:** Wear protective clothing to minimize the potential for skin contact with dust.

Irritation may occur from exposure to dust.

**RESPIRATORY PROTECTION:** If respirable fibers/dust are generated, use HEPA respiratory protection.

Dust may cause irritation of mucus membranes and respiratory tract.

## SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

**Physical State:** Solid

**Odor:** Mild, Characteristic Odor

**Color:** Various

**Solubility in Water:** Insoluble

## SECTION 10 – STABILITY AND REACTIVITY

**Stable:** Yes, under normal operations.

**Conditions to Avoid:** Flames with combustible dust.

**Hazardous Decomposition Products:** May form carbon dioxide, carbon monoxide, and toxic fumes when burned.



**SECTION 11 – TOXICOLOGICAL INFORMATION**

No toxicological data is available for this product.

**SECTION 12 – ECOLOGICAL INFORMATION**

No ecological data is available for this product.

**SECTION 13 – DISPOSAL CONSIDERATIONS**

As supplied, this product is not hazardous. Dispose of in industrially approved landfills. Consult federal, state, and local regulations for proper disposal.

**SECTION 14 – TRANSPORT INFORMATION**

This product is not regulated as dangerous or hazardous goods for shipping.

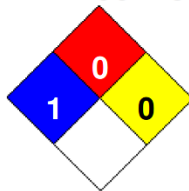
SHIPPING SYMBOLS/PLACARDS: N/A

**SECTION 15 – REGULATORY INFORMATION**

**HMIS RATING**

HEALTH	1
FLAMMABILITY	0
PHYSICAL HAZARD	0
PERSONAL PROTECTION	B

**NFPA CODES**



**U.S. EPA CERCLA:** NA

**SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)**

**311/312 HAZARD CATEGORY:** NA

**RCRA STATUS:** This product, if discarded as a solid, is not a federal RCRA hazardous waste. Processing, use or contamination of this product may change the waste management options. State and local disposal regulations may differ from federal disposal regulations.

**CALIFORNIA PROPOSITION 65:** Raw materials used during the manufacture of these products contain chemicals listed under the California Safe Drinking Water and Toxic Enforcement Act of 1986 (Prop 65) as either a carcinogen or a reproductive toxicant.



## **SECTION 16 – OTHER INFORMATION**

PREPARED BY: STRONGWELL EHS Department

Date Updated: March 3, 2017

### **DISCLAIMER:**

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