



**DURADEK GRATING**

Product Name

Fiberglass Reinforced DURADEK

Chemical Name or Synonym

## SAFETY DATA SHEET

### SECTION 1 PRODUCT AND COMPANY IDENTIFICATION

**Product Description:** Duradek Grating **Chemical Family:** Monomer **Generic Name:** Duradek Grating

**Manufacturer's Name:** Strongwell Corporation **Emergency Telephone No.:** 276-645-8000

**Address:** 400 Commonwealth Avenue **Other Information:** NA

**City, State and Zip:** Bristol, Virginia 24201

**Person Responsible for Preparation:** Tim Selfe **Date Prepared:** 12/10/2014

#### 24 Hour Emergency Telephone Numbers

Chemtrec (US transportation): (800) 424-9300

Canutec (Canadian Transportation): (613) 996-6666

Poison Control Center (Medical): (877) 800-5553

### SECTION 2 HAZARDS IDENTIFICATION

#### GHS CLASSIFICATIONS

##### HEALTH:

SKIN IRRITATION, CATEGORY 1

**SIGNAL WORD:** CAUTION

**HAZARD STATEMENT:** THIS PRODUCT MEETS THE DEFINITION OF "ARTICLE" UNDER 29CFR1910-1200 (c) – I. A MANUFACTURED ITEM, 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 DOES NOT RELEASE OR OTHERWISE RESULT IN EXPOSURE TO A HAZARDOUS CHEMICAL UNDER NORMAL CONDITIONS OF USE. IT IS THEREFORE NOT CONSIDERED A HAZARDOUS MATERIAL.

CAUTION: DUST WILL BE GENERATED IF THIS PRODUCT IS DRILLED, SANDED OR GROUND.

#### PRECAUTIONARY STATEMENTS

##### RESPONSE:

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

P273: AVOID RELEASE TO THE ENVIRONMENT

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

**EMERGENCY OVERVIEW****PHYSICAL APPEARANCE:** SOLID MATERIAL**IMMEDIATE CONCERNS:** PRODUCT AND ITS GENERATED DUST MAY CAUSE SKIN AND EYE IRRITATION**POTENTIAL HEALTH EFFECTS**

EYES: CONTACT MAY CAUSE EYE IRRITATION

SKIN: CONTACT MAY CAUSE SKIN IRRITATION

INHALATION: DUST MAY BE IRRITATING TO RESPIRATORY TRACT

**REPRODUCTIVE TOXICITY**

REPRODUCTIVE EFFECTS: NONE

TERATOGENIC EFFECTS: NONE

**CARCINOGENICITY:** NONE**MUTAGENICITY:** NONE**MEDICAL CONDITIONS AGGRAVATED:** BREATHING PROBLEMS (ASSOCIATED WITH DUST) AND SKIN PROBLEMS**ROUTES OF ENTRY:** INHALATION, EYES, SKIN (ASSOCIATED WITH DUST)**TARGET ORGAN STATEMENT:** N/A**CANCER STATEMENT:** NO DATA AVAILABLE.**IRRITANCY:** 1**SENSITIZATION:** N/A**WARNING CAUTION LABELS:** 3**PHYSICAL HAZARDS:****SECTION 3 – COMPOSITION / INFORMATION ON INGREDIENTS**

CHEMICAL NAME	WT. %	CAS
STYRENE	12 – 15	100-42-5

Boiling Point: NA Specific Gravity (H2O=1): 1.6-2.0 Vapor Pressure(mm Hg): NAVapor Density (Air=1): NA Solubility in Water: NA Reactivity in Water: NAAppearance & Odor: NA Melting Point: NA**SECTION 4 – FIRST AID MEASURES****EYES:** DO NOT RUB EYES. FLUSH WITH LUKEWARM, GENTLE FLOWING WATER FOR 5 MINUTES OR UNTIL THE PARTICLE/DUST IS REMOVED, WHILE HOLDING THE EYELID(S) OPEN. OBTAIN MEDICAL ATTENTION IF NEEDED.

**SKIN:** WASH WITH SOAP AND WATER

**INGESTION:** N/A

**INHALATION:** IF EXPOSED TO EXCESSIVE LEVELS OF DUST, REMOVE TO FRESH AIR AND GET MEDICAL ATTENTION IS COUGH OR OTHER SYMPTOMS DEVELOP.

**SIGNS OF OVEREXPOSURE**

**EYES:** REDNESS, BURNING SENSATION, TEARING (WATERING) OF EYES.

**SKIN:** IRRITATION, RASH.

**SKIN ABSORPTION:** N/A

**INGESTION:** N/A

**INHALATION:** COUGH AND IRRITATION TO NOSE, THROAT AND LUNGS.

**ACUTE TOXICITY:** N/A

**SECTION 5 – FIRE FIGHTING MEASURES**

**FLAMMABLE CLASS:** IA

**FLAME PROPAGATION OR BURNING RATE OF SOLIDS:** SLOW. SOLID FORM IS NOT TOXIC BY TCLP GUIDELINES.

**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:** AS IN ANY FIRE, WEAR SCBAA (NIOSH APPROVED OR EQUIVALENT) AND FULL PROTECTIVE GEAR.

**FIRE FIGHTING EQUIPMENT:** ABC FIRE EXTINGUISHER

**SECTION 6 – ACCIDENTAL RELEASE MEASURES**

**SMALL SPILL:** N/A

**LARGE SPILL:** N/A

**ENVIRONMENTAL PRECAUTIONS:**

PREVENT DUST (FROM CUTTING, GRINDING, OR SANDING) FROM ENTERING WATER SYSTEMS OR DOWN DRAINS.

**SPECIAL PROTECTIVE EQUIPMENT:** WEAR SAFETY GLASSES, LONG SLEEVE SHIRT, LONG PANTS.

**SECTION 7 – HANDLING AND STORAGE**

**GENERAL PROCEDURES:** AVOID CONTACT WITH EYES, SKIN, AND CLOTHING. WEAR LEATHER GLOVES WHEN HANDLING PRODUCT.

**HANDLING:** AVOID CONTACT WITH EYES. AVOID PROLONGED OR REPEATED CONTACT WITH SKIN. WASH THOROROUGHLY AFTER HANDLING. KEEP AWAY FROM FOOD AND DRINK.

## SECTION 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

Respiratory Protection (Specific Type): NIOSH approved dust mask

Ventilation: NA Local Exhaust: NA Mechanical (general): NA Special: NA

Protective Gloves: NA Eye Protection: Full eye protection, safety glasses or goggles

Other Protective Clothing or Equipment: Leather Gloves should be used when handling product.

Work/Hygienic Practices: Wash Hands

## SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

**Physical State:** Solid

**Odor:** Mild, Characteristic Odor

**Appearance:** Solid form

**Color:** Various

**Flash Point:** N/A

**Auto ignition Temperature:** >800 degrees F

**Vapor Pressure:** N/A

**Vapor Density:** N/A

**Boiling Point:** N/A

**Freezing Point:** N/A

**Melting Point:** N/A

**Thermal Decomposition:** N/A

**Solubility in Water:** Insoluble

## SECTION 10 – STABILITY AND REACTIVITY

**Stable:** Yes

**Hazardous Polymerization:** No

**Polymerization:** No

**Conditions to Avoid:** Flames

**Possibility of Hazardous Reactions:** N/A

**Hazardous Decomposition Products:** N/A

**Incompatible Materials:** None

## SECTION 11 – TOXICOLOGICAL INFORMATION

**Chronic:** None

**Sub-Chronic:** None

**Carcinogenicity:** None

**IARC:** N/A

**NPT:** N/A

**OSHA:** N/A

**Repeated Dose Effects:** N/A

**Irritation:** Irritation can occur

**Corrosivity:** N/A

**Neurotoxicity:** None

**Genetic Effects:** None

**Reproductive Effects:** None

**Target Organs:** N/A

**Teratogenic Effects:** None

**Mutagenicity:** None

**Synergistic Materials:** None

## **SECTION 12 – ECOLOGICAL INFORMATION**

### **ENVIRONMENTAL DATA**

DUST, GENERATED FROM CUTTING, SANDING OR GRINDING, MAY BE HARMFUL TO THE ENVIRONMENT IF ALLOWED TO DIRECTLY ENTER WATER SOURCES.

SOLID FRP WASTE CAN BE LANDFILLED.

**ECOTOXICOLOGICAL INFORMATION:** N/A

**BIOACCUMULATION ACCUMULATION:** N/A

**DISTRIBUTION:** N/A

**AQUATIC TOXICITY (ACUTE):** NO DATA AVAILABLE

**CHEMICAL FATE INFORMATION:** N/A

## **SECTION 13 – DISPOSAL CONSIDERATIONS**

### **DISPOSAL METHOD**

THIS PRODUCT IS A SOLID AND CAN BE DISCARDED IN A LANDFILL. 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.

## **SECTION 14 – TRANSPORT INFORMATION**

### **DOT (DEPARTMENT OF TRANSPORTATION)**

**PROPER SHIPPING NAME:** FIBERGLASS REINFORCED PLASTIC

**TECHNICAL NAME:** FIBERGLASS REINFORCED PLASTIC



**CANADA**

**WHMIS HAZARD SYMBOL AND CLASSIFICATION**

**SECTION 16 – OTHER INFORMATION**

REASON FOR ISSUE: RE-WRITTEN FOR GHS SDS FORMAT COMPLIANCE

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