



SafRail
Product Name

Fiberglass Reinforced Safe Plate
Chemical Name or Synonym

SAFETY DATA SHEET

SECTION 1 PRODUCT AND COMPANY IDENTIFICATION

Product Description: SafRail Chemical Family: Monomer Generic Name: SafRail

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

PRIMARY HAZARD CLASS/DIVISION: N/A

SECONDARY HAZARD CLASS/DIVISION: N/A

U.S. SURFACE FREIGHT CLASS: N/A

BULK FREIGHT CLASS: N/A

PLACARDS: N/A

LABEL: _____

MARINE POLLUTANT: N/A

ROAD AND RAIL (ADR/RID)

SHIPPING NAME: FIBERGLASS REINFORCED PLASTIC

AIR (ICAO/IATA)

SHIPPING NAME: FIBERGLASS REINFORCED PLASTIC

VESSEL (IMO/IMDG)

SHIPPING NAME: FIBERGLASS REINFORCED PLASTIC

CANADA TRANSPORT OF DANGEROUS GOODS

SHIPPING NAME: FIBERGLASS REINFORCED PLASTIC

SECTION 15 – REGULATORY INFORMATION

UNITED STATES

DOT LABEL SYMBOL AND HAZARD CLASSIFICATION

None

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)

311/312 HAZARD CATEGORIES: Physical Hazard: Combustible Health Hazard; Acute

EPCRA SECTION 313 SUPPLIER NOTIFICATION

CHEMICAL NAME: STYRENE **WT. % =** 12-15 **CAS#:** 100-42-5

CERCLA (COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION, AND LIABILITY ACT)

CHEMICAL NAME: STYRENE **WT. % =** 12-15 **CERCLA RQ:** 1000

TSCA (TOXIC SUBSTANCE CONTROL ACT)

CHEMICAL NAME: STYRENE **CAS#:** 100-42-5

TSCA STATUS: ALL COMPONENTS ARE LISTED ON TSCA INVENTORY OR ARE EXCLUDED OR EXEMPT.

CALIFORNIA PROPOSITION 65: N/A

RCRA STATUS: 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.

OSHA HAZARD COMMUNICATION RULE: NO DATA AVAILABLE

CLEAN WATER ACT: N/A

NATIONAL RESPONSE CENTER: N/A

CARCINOGEN: N/A

CANADA

WHMIS HAZARD SYMBOL AND CLASSIFICATION

SECTION 16 – OTHER INFORMATION

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

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