



Extren 525
Product Name

Polyester Resin Flame Retardant
Chemical Name or Synonym

SAFETY DATA SHEET

SECTION 1 PRODUCT AND COMPANY IDENTIFICATION

Product Description: Polyester Resin FR **Chemical Family:** Monomer **Generic Name:** Polyester Resin

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:

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):	NA
Vapor Density (Air=1):	NA	Solubility in Water:	NA	Reactivity in Water:	NA
Appearance & 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: Seek medical attention

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: CLEAN UP SMALL SPILLS WITH RAGS AND OBSORBENT. CONTAIN SPILLS WITH BERMS.

LARGE SPILL: CONTAIN WITH BERMS OR DIKES. CLEAN UP WITH SHOVELS, RAGS, AND OBSORBENT.

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, NON-SPARKING SHOVEL, RUBBER BOOTS.

SECTION 7 – HANDLING AND STORAGE

GENERAL PROCEDURES: AVOID CONTACT WITH EYES, SKIN, AND CLOTHING. WEAR CHEMICAL RESISTENT 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): N/A

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

Protective Gloves: CHEMICAL RESISTENT Eye Protection: Safety glasses or goggles

Other Protective Clothing or Equipment: LONG SLEEVE SHIRT,

Work/Hygienic Practices: Wash Hands

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Liquid

Odor: Mild, Characteristic Odor

Appearance: Thick liquid

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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