

SAFETY DATA SHEET

SAUEREISEN

21C Furan Resin Mortar/Grout (Carbon), Powder

Date Prepared : 05/01/2015
 SDS No : SCC-021CP
 Date Revised : 08/04/2017
 Revision No : 1

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: 21C Furan Resin Mortar/Grout (Carbon), Powder
PRODUCT CODE: 21CLP

MANUFACTURER

Sauereisen
 160 Gamma Drive
 Pittsburgh, PA 15238
Emergency Contact: John Kozak
Emergency Phone: (800)424-9300
Alternate Contact: Don Schubert
Customer Service: 412 963-0303
E-Mail: jakozak@sauereisen.com

24 HR. EMERGENCY TELEPHONE NUMBERS

Poison Control Center (Medical):1-800-222-1222
 CHEMTREC (US Transportation): 1-800-424-9300
 CHEMTREC (Outside US):1-703-527-3887

2. HAZARDS IDENTIFICATION

GHS CLASSIFICATIONS

Health:

Skin Corrosion, Category 1C
 Serious Eye Damage, Category 1

GHS LABEL



Corrosion

SIGNAL WORD: DANGER

HAZARD STATEMENTS

H314: Causes severe skin burns and eye damage.
 H318: Causes serious eye damage.

PRECAUTIONARY STATEMENTS

Prevention:

P260: Do not breathe dust/fume/gas/mist/vapours/spray.
 P264: Wash ... thoroughly after handling.
 P280: Wear protective gloves/protective clothing/eye protection/face protection.

Response:

P301+P330+P331: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
 P303+P361+P353: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].
 P363: Wash contaminated clothing before reuse.
 P304+P340: IF INHALED: Remove person to fresh air and keep comfortable for breathing.
 P310: Immediately call a POISON CENTER/doctor/...
 P322: Specific measures (see ... on this label).
 P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Storage:

P405: Store locked up.

Disposal:

P501: Dispose of contents/container to ...

POTENTIAL HEALTH EFFECTS

EYES: Extremely irritating to the eyes and may cause severe damage including blindness.

SKIN: Contact causes severe skin irritation and possible burns.

INGESTION: May cause intense burning about the mouth, throat, mucous membranes and abdomen.

INHALATION: Highly irritating to respiratory tract. Chronic, repeated inhalation of respirable dust may cause industrial bronchitis.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	Wt.%	CAS
coke (petroleum), calcined	< 90	64743-05-1
Sulfuric Acid, Monosodium Salt	< 5	7681-38-1
Activated Carbon	< 10	7440-44-0
Sulfamic Acid	< 10	5329-14-6

4. FIRST AID MEASURES

EYES: Check for and remove all contact lenses. Flush eyes immediately with water or physiological saline for at least 15 minutes while lifting upper and lower lids. Do not use eye ointment. Seek medical attention.

SKIN: Wash exposed area immediately with plenty of water, for 15 minutes.

INGESTION: Do not induce vomiting - vomiting will cause further damage to the throat. Do not attempt gastric lavage. Do not attempt to neutralize with carbonates as this may cause excessive gas formation and may cause stomach rupture. Loosen tight clothing such as collar, tie, belt or waistband. Dilute by giving water to drink if victim is conscious. Seek immediate medical attention.

INHALATION: If difficulty breathing, move to fresh air once. For acute overexposure, give oxygen if breathing is difficult. Apply artificial respiration if breathing has stopped. Keep patient warm and at rest. Seek immediate medical attention.

5. FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA: Water, carbon dioxide, dry chemical, and foam.

HAZARDOUS COMBUSTION PRODUCTS: Combustion products may be toxic.

EXPLOSION HAZARDS: Dusts and aerosols at sufficient concentrations may exhibit explosive characteristics if ignited by static discharge or spark. Exercise care during dusting or misting operations such as grinding or drilling.

FIRE FIGHTING PROCEDURES: Do not enter confined fire space without full bunker gear (helmet with face shield, bunker coats, gloves and rubber boots), including a positive pressure NIOSH approved self-contained breathing apparatus. Cool fire exposed containers with water.

FIRE EXPLOSION: Rapid combustion of airborne dust (particle sizes below 100 mesh) may be started by high temperature (1400 F) ignition source.

SENSITIVE TO STATIC DISCHARGE: None

SENSITIVITY TO IMPACT: None

6. ACCIDENTAL RELEASE MEASURES

GENERAL PROCEDURES: Sweep, scoop or vacuum the discharged material. Respiratory protection should be worn at all times and skin contact should be avoided. Observe environmental regulations.

SPECIAL PROTECTIVE EQUIPMENT: Wear full protective equipment, including respiratory equipment during clean-up.

7. HANDLING AND STORAGE

GENERAL PROCEDURES:

Avoid contact with eyes, skin, and clothing.
 For industrial use only!
 Harmful if inhaled.
 Do not take internally.
 May cause irritation.
 Do not eat, drink or smoke when using this product.
 Wear chemical splash goggles, gloves and protective clothing.
 Avoid high ambient temperatures and humidity.
 Wash thoroughly after handling.

STORAGE: Store in a cool, dry place.
 Keep container closed when not in use.
 Store away from direct heat and flame.
 Keep away from food and drinking water.
 Store out of direct sunlight.
 DO NOT SMOKE where product is used or stored.
 Store in a well-ventilated place.

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

OSHA HAZARDOUS COMPONENTS (29 CFR1910.1200)				
Chemical Name	EXPOSURE LIMITS			
	Type		ppm	mg/m ³
coke (petroleum), calcined	OSHA PEL	STEL	NE	
	ACGIH TLV	TWA		10
Sulfuric Acid, Monosodium Salt	Supplier OEL	TWA	NL	NL
		STEL	NL	NL
Activated Carbon	OSHA PEL	TWA		3.5
		STEL		3.5
	ACGIH TLV	TWA		3.5
Sulfamic Acid	ACGIH TLV	TWA		1

ENGINEERING CONTROLS: Use process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits.

PERSONAL PROTECTIVE EQUIPMENT

EYES AND FACE: Splashproof, chemical resistant safety goggles or face shield. Eye bath nearby. Contact lenses should not be worn.

SKIN: Suitable protective gloves (neoprene, butyl rubber, or viton). Clothing should be clean, long-sleeved workclothes. Synthetic apron. Boots. Wash thoroughly before eating, smoking, applying cosmetics, etc. Thoroughly launder work clothes before reuse. Safety shower nearby.

RESPIRATORY: Any dust respirator for 5 times PEL or less. Any fume respirator or high-efficiency particulate respirator for 10 times PEL or less. If TLV of any component is exceeded use appropriate respiratory protection or ventilate in accordance with OSHA Regulation 29 CFR Part 1910.

WORK HYGIENIC PRACTICES: Wash thoroughly after handling. Safety shower and eyewash station should be within direct access. Keep containers closed.

9. PHYSICAL AND CHEMICAL PROPERTIES

ODOR: No appreciable odor.

APPEARANCE: Powder

COLOR: Black

pH: 6.0

PERCENT VOLATILE: NA = Not Applicable

FLASH POINT AND METHOD: > (250°F)

FLAMMABLE LIMITS: 0 to 0

AUTOIGNITION TEMPERATURE: NA = Not Applicable

VAPOR PRESSURE: NA = Not Applicable

VAPOR DENSITY: NA = Not Applicable

MELTING POINT: Not Established

SOLUBILITY IN WATER: < 2 %

EVAPORATION RATE: Not Established

SPECIFIC GRAVITY: 2.2

10. STABILITY AND REACTIVITY

HAZARDOUS POLYMERIZATION: No

STABILITY: Stable under normal conditions of use and storage.

CONDITIONS TO AVOID: Avoid heat, open flame, contact with incompatible materials, contaminants and moisture.

HAZARDOUS DECOMPOSITION PRODUCTS: Contact with moisture may produce sulfuric acid. Carbon monoxide, carbon dioxide, ammonia, aniline, and oxides of sulfur may be produced if thermally decomposed.

INCOMPATIBLE MATERIALS: Avoid contact with oxidizing agents.

11. TOXICOLOGICAL INFORMATION

ACUTE TOXICITY

DERMAL LD₅₀: No data available.

ORAL LD₅₀: No data available.

INHALATION LC₅₀: No data available.

GERM CELL MUTAGENICITY: No Data Available

REPRODUCTIVE TOXICITY: No Data Available

12. ECOLOGICAL INFORMATION

ENVIRONMENTAL DATA: No data available. Contact Env. Dept.

AQUATIC TOXICITY (ACUTE): TLM 96 100 -1000 ppm

13. DISPOSAL CONSIDERATIONS

14. TRANSPORT INFORMATION

DOT (DEPARTMENT OF TRANSPORTATION)

PROPER SHIPPING NAME: Not Regulated

TECHNICAL NAME: High Temperature Bonding Mortar

PRIMARY HAZARD CLASS/DIVISION: Not Regulated

15. REGULATORY INFORMATION

UNITED STATES

DOT LABEL SYMBOL AND HAZARD CLASSIFICATION



Corrosive

R20/21/22: Harmful by inhalation, in contact with skin and if swallowed.

R36/37/38: Irritating to eyes, respiratory system and skin.

S20/21: When using do not eat, drink or smoke.

S22: Do not breathe dust.

S24/25: Avoid contact with skin and eyes.

S26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S36: Wear suitable protective clothing.

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)

311/312 HAZARD CATEGORIES: Corrosive, Irritant.

313 REPORTABLE INGREDIENTS: There are no listed chemicals above detection limits in this compound.

TITLE III NOTES: None above detection limits.

CERCLA (COMPREHENSIVE RESPONSE, COMPENSATION, AND LIABILITY ACT)

CERCLA RQ: None

TSCA (TOXIC SUBSTANCE CONTROL ACT)

Chemical Name	CAS
coke (petroleum), calcined	64743-05-1
Sulfuric Acid, Monosodium Salt	7681-38-1
Activated Carbon	7440-44-0
Sulfamic Acid	5329-14-6

TSCA STATUS: Components are included in the EPA Toxic Substances Control Act (TSCA) Chemical Substances Inventory.

CALIFORNIA PROPOSITION 65: Known to the State of California to cause cancer and reproductive toxicity and subject to warning and discharge requirements under the "Safe Drinking Act of 1986".

It has not been determined and cannot be ascertained that this product would not expose users to the listed chemicals at the very low level prescribed in the regulations. Therefore, it is the user's responsibility to determine if the percent of the hazardous / carcinogenic ingredients listed elsewhere in the SDS comply with State of California regulations.

CANADA

WHMIS HAZARD SYMBOL AND CLASSIFICATION



Toxic



Corrosive

R20/21/22: Harmful by inhalation, in contact with skin and if swallowed.

R36/37/38: Irritating to eyes, respiratory system and skin.

S20/21: When using do not eat, drink or smoke.

S22: Do not breathe dust.

S24/25: Avoid contact with skin and eyes.

S26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S36: Wear suitable protective clothing.

WHMIS CLASS: Class D, Division 2, Subdivision B: Materials cause other toxic effects, toxic material.

DOMESTIC SUBSTANCE LIST (INVENTORY): Components included on inventory

16. OTHER INFORMATION

PREPARED BY: John A Kozak **Date Revised:** 08/04/2017

REVISION SUMMARY: This SDS replaces the 05/01/2015 SDS. Revised: **Section 9:** (VOC).

HMIS RATING

HEALTH	<input type="checkbox"/>	2
FLAMMABILITY		0
PHYSICAL HAZARD		0
PERSONAL PROTECTION		E