

SAFETY DATA SHEET



950S Fluoropolymer Coating, Part A,Curative

Date Issued : 05/12/2015

SDS No : SCC-950SA

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: 950S Fluoropolymer Coating, Part A,Curative**PRODUCT DESCRIPTION:** Fluoropolymer Coating, Part A, Curative**PRODUCT CODE:** 950RA**PRODUCT FORMULATION NAME:** 950S Fluoropolymer Coating, Part A,Curative**CHEMICAL FAMILY:** Ketimine Solution**MANUFACTURER**

Sauereisen

160 Gamma Drive

Pittsburgh, PA 15238

Emergency Contact: John Kozak**Emergency Phone:** (800)444-8235**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 (Canada Transportation):1-703-527-3887

2. HAZARDS IDENTIFICATION

GHS CLASSIFICATIONS**Health:**

Eye Irritation, Category 2A

Skin Irritation, Category 2

Respiratory Sensitization, Category 1B

Skin Sensitization, Category 1B

Respiratory Tract Irritation, Category 3

Physical:

Flammable Liquids, Category 2

GHS LABEL

Flame

Exclamation
mark**SIGNAL WORD: DANGER****HAZARD STATEMENTS**

H225: Highly flammable liquid and vapour.

H319: Causes serious eye irritation.

H315: Causes skin irritation.

H317: May cause an allergic skin reaction.

H334: May cause allergy or asthma symptoms or breathing difficulties if inhaled.

H335: May cause respiratory irritation.

PRECAUTIONARY STATEMENTS**Prevention:**

P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P233: Keep container tightly closed.

P240: Ground and bond container and receiving equipment.
 P241: Use explosion-proof [electrical/ventilating/lighting/...] equipment.
 P242: Use non-sparking tools.
 P243: Take action to prevent static discharges.
 P280: Wear protective gloves/protective clothing/eye protection/face protection.
 P264: Wash ... thoroughly after handling.
 P261: Avoid breathing dust/fume/gas/mist/vapours/spray.
 P285: In case of inadequate ventilation wear respiratory protection.
 P272: Contaminated work clothing should not be allowed out of the workplace.
 P271: Use only outdoors or in a well-ventilated area.

Response:

P303+P361+P353: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].
 P321: Specific treatment (see ... on this label).
 P333+P313: If skin irritation or rash occurs: Get medical advice/attention.
 P362: Take off contaminated clothing.
 P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 P337+P313: If eye irritation persists: Get medical advice/attention.
 P304+P340: IF INHALED: Remove person to fresh air and keep comfortable for breathing.
 P342+P311: If experiencing respiratory symptoms: Call a POISON CENTER/doctor/...
 P370+P378: In case of fire: Use carbon dioxide, foam, dry chemicals, or sand to extinguish.

Storage:

P403+P235: Store in a well-ventilated place. Keep cool.
 P404: Store in a closed container.
 P405: Store locked up.

Disposal:

P501: Dispose of contents/container in accordance with local/national regulations.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	Wt.%	CAS
1,2-ethanediamine, n1,n2-bis(1,3-dimethylbutylidene)-	< 30	25707-70-4
Methyl alcohol	< 10	67-56-1
Ethyl Alcohol	< 95	64-17-5

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 promptly with soap and water. If soaked through clothing, promptly remove clothing and wash skin. Launder clothing before reuse. Discard saturated shoes and leather clothing. For severe exposures, get under safety shower after removing clothing. Do not apply greases or ointments. Seek medical attention for incidents of significant exposure or if effects apparent.

INGESTION: Do not induce vomiting - vomiting will cause further damage to the throat. Dilute by giving water or milk to drink if victim is conscious. Seek immediate medical attention.

INHALATION: If difficulty breathing, move to fresh air once. Apply artificial respiration if breathing has stopped. Seek medical attention.

SIGNS AND SYMPTOMS OF OVEREXPOSURE

EYES: Can cause redness, tearing, Irritation, inflammation and corneal opacity.

SKIN: Contact causes skin irritation.

SKIN ABSORPTION: Absorbed through skin. Moderate irritant. Prolonged or repeated contact can cause dryness, defatting and dermatitis. Prolonged exposure can stain skin.

INGESTION: Ingestion may cause nausea, vomiting or weakness.

INHALATION: Excessive inhalation of vapors can cause nasal and respiratory tract irritation, headache, nausea, fatigue and drowsiness.

CHRONIC EFFECTS: Prolonged or repeated exposure may cause asthma and skin sensitiation or other allergic response.

NOTES TO PHYSICIAN: Further treatment may be necessary. Contact local poison control center. Rinse mouth.

5. FIRE FIGHTING MEASURES

FLAMMABLE CLASS: Highly Flammable

GENERAL HAZARD: Flammable in presence of open flame, sparks, excessive heat and static discharge.

EXTINGUISHING MEDIA: Do not use water, which may spread fire. Extinguish with foam, dry chemical, carbon dioxide, earth or sand.

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: Full emergency equipment including self contained breathing apparatus should be worn.

FIRE FIGHTING EQUIPMENT: Irritating fumes will be evolved when this material is involved in a fire. Self-contained breathing apparatus should be available for fire fighters. Chemical resistant clothing may be necessary.

FIRE EXPLOSION: Containers may explode in heat of fire; cool containers with water. Vapors are heavier than air and may travel along the ground or may be moved by ventilation and ignited by pilot lights, other flames, sparks, heaters, smoking, electrical motors, static discharge, or other ignition sources at locations distant from material handling point.

HAZARDOUS DECOMPOSITION PRODUCTS: May form toxic, unknown organic compounds, carbon dioxide and carbon monoxide during combustion.

6. ACCIDENTAL RELEASE MEASURES

SMALL SPILL:

Avoid contact with material. Persons not wearing appropriate protective equipment should be excluded from the area of spill until clean-up is complete. Stop spill at source. Dike area to prevent spreading. Remaining product may be taken up by clay, diatomaceous earth or other absorbent and shoveled into disposal containers such as a dumpster or other common garbage receptacle. Residual material may be removed using steam or hot soapy water. Keep spark-producing equipment away from area. Observe environmental regulations and report spills as required to appropriate authorities.

7. HANDLING AND STORAGE

GENERAL PROCEDURES: Avoid contact with eyes, skin, and clothing. For industrial use only! 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. Use explosion protected equipment. Keep away from sources of ignition. Use non-sparking tools. Do not weld on or near container, even when empty.

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.

Always mix well before using.

Store away from combustible and incompatible materials.

Ground containers when transferring materials.

Remove all sources of ignition or sparks from area.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

EXPOSURE GUIDELINES

OSHA HAZARDOUS COMPONENTS (29 CFR1910.1200)				
	EXPOSURE LIMITS			
Chemical Name	Type		ppm	mg/m ³
Methyl alcohol	OSHA PEL	TWA	200	260
	ACGIH TLV	TWA	200	262
		STEL	250	328
Ethyl Alcohol	OSHA PEL	TWA	1000	1900
	ACGIH TLV	TWA	1000	1884

ENGINEERING CONTROLS: Sufficient ventilation pattern and volume to maintain contaminant levels below recommended exposure limits. Solvent vapors are heavier than air and collect in low lying areas. Provide sufficient ventilation to prevent flammable vapor/air mixtures from accumulating. Spark-proof and explosion-proof equipment must be used. A face velocity of 60 fpm is recommended for fans.

PERSONAL PROTECTIVE EQUIPMENT

EYES AND FACE: Safety glasses with side shields, chemical resistant goggles, or face shield. Contact lenses should not be worn.

SKIN: Impervious gloves, neoprene, or other suitable long sleeved and legged clothing. Launder clothing before reuse.

RESPIRATORY: Use organic vapor cartridges in respirators or self-contained breathing apparatus at high concentrations. If TLV of any component is exceeded use appropriate respiratory protection or ventilate in accordance with OSHA Regulation 29 CFR Part 1910.V.

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

APPEARANCE: Liquid

COLOR: Amber

pH: Not Established

FLASH POINT AND METHOD: 14°C (57°F) Closed Cup

FLAMMABLE LIMITS: 4% to 37%

VAPOR PRESSURE: 50 mm Hg

VAPOR DENSITY: 1.6

BOILING POINT: 78°C

FREEZING POINT: -24°C

SOLUBILITY IN WATER: Slight.

EVAPORATION RATE: 6

SPECIFIC GRAVITY: 0.82

10. STABILITY AND REACTIVITY

REACTIVITY: Yes

HAZARDOUS POLYMERIZATION: No

STABILITY: Stable under normal conditions of use and storage.

CONDITIONS TO AVOID: Heat, sparks, static electricity, and open flames.

HAZARDOUS DECOMPOSITION PRODUCTS: May form toxic, unknown organic compounds, carbon dioxide and carbon monoxide during combustion.

INCOMPATIBLE MATERIALS: Avoid contact with acids, acidic catalysts, strong oxidizers, strong Lewis and mineral acids, halogens, amines, and excessive heat.

11. TOXICOLOGICAL INFORMATION

ACUTE TOXICITY

DERMAL LD₅₀: No data available.

ORAL LD₅₀: No data available.

INHALATION LC₅₀: NA = Not Applicable

SERIOUS EYE DAMAGE/IRRITATION: Eye, Skin and Inhalation Irritant.

RESPIRATORY OR SKIN SENSITISATION: Skin and Respiratory sensitizer.

GERM CELL MUTAGENICITY: No Data Available

REPRODUCTIVE TOXICITY: No Data Available

12. ECOLOGICAL INFORMATION

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

BIOACCUMULATION/ACCUMULATION: No Data available on the product itself.

Components: some components are classified as persistent, bioaccumulative, or toxic.

Consult www.pbtprofiler.net

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: Non-hazardous. Material should be disposed of in approved landfill according to federal, state , and local regulations.

EMPTY CONTAINER: Disposal must be made according to official regulations.

14. TRANSPORT INFORMATION

DOT (DEPARTMENT OF TRANSPORTATION)

PROPER SHIPPING NAME: Flammable, Liquid, Corrosive, N.O.S., (Ethyl Alcohol, Ketimine)

PRIMARY HAZARD CLASS/DIVISION: 3

SECONDARY HAZARD CLASS/DIVISION: 8

UN/NA NUMBER: UN2924

PACKING GROUP: II

LABEL: Flammable Liquid, Corrosive

ROAD AND RAIL (ADR/RID)

PROPER SHIPPING NAME: Flammable, Liquid, Corrosive, N.O.S., (Ethyl Alcohol, Ketimine)

UN NUMBER: UN2924

HAZARD CLASS: 3

PACKING GROUP: II

LABEL: Flammable Liquid, Corrosive.

AIR (ICAO/IATA)

SHIPPING NAME: Flammable, Liquid, Corrosive, N.O.S., (Ethyl Alcohol, Ketimine)

UN/NA NUMBER: UN2924

PRIMARY HAZARD CLASS/DIVISION: 3

SECONDARY HAZARD CLASS/DIVISION: 8

PACKING GROUP: II

LABEL: Flammable Liquid, Corrosive

VESSEL (IMO/IMDG)

SHIPPING NAME: Flammable, Liquid, Corrosive, N.O.S., (Ethyl Alcohol, Ketimine)

UN/NA NUMBER: UN2924

PRIMARY HAZARD CLASS/DIVISION: 3**SECONDARY HAZARD CLASS/DIVISION:** 8**PACKING GROUP:** II**LABEL:** Flammable Liquid, Corrosive**CANADA TRANSPORT OF DANGEROUS GOODS****SHIPPING NAME:** Flammable, Liquid, Corrosive, N.O.S., (Ethyl Alcohol, Ketimine)**UN/NA NUMBER:** UN2924**PRIMARY HAZARD CLASS/DIVISION:** 3**SECONDARY HAZARD CLASS/DIVISION:** 8**PACKING GROUP:** II**LABEL:** Flammable Liquid, Corrosive**15. REGULATORY INFORMATION****UNITED STATES****DOT LABEL SYMBOL AND HAZARD CLASSIFICATION**Flammable
LiquidCorrosive-
Secondary

R11: Highly flammable.

R16: Explosive when mixed with oxidizing substances.

R18: In use, may form flammable/explosive vapour-air mixture.

R2: Risk of explosion by shock, friction, fire or other sources of ignition.

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

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

R42/43: May cause sensitization by inhalation and skin contact.

S15: Keep away from heat.

S16: Keep away from sources of ignition — No smoking.

S17: Keep away from combustible material.

S21: When using do not smoke.

S3/9/49: Keep only in the original container in a cool, well-ventilated place.

S33: Take precautionary measures against static discharges.

S36/37/39: Wear suitable protective clothing, gloves and eye/face protection.

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)**311/312 HAZARD CATEGORIES:** Corrosive, Irritant, Fire Hazard**313 REPORTABLE INGREDIENTS:** There are no listed chemicals above detection limits in this compound.**EPCRA SECTION 313 SUPPLIER NOTIFICATION**

Chemical Name	Wt.%	CAS
Methyl alcohol	< 10	67-56-1

TITLE III NOTES: None above detection limits.**CERCLA (COMPREHENSIVE RESPONSE, COMPENSATION, AND LIABILITY ACT)**

Chemical Name	Wt.%	CERCLA RQ
Methyl alcohol	< 10	5,000

TSCA (TOXIC SUBSTANCE CONTROL ACT)

Chemical Name	CAS
1,2-ethanediamine, n1,n2-bis(1,3-dimethylbutylidene)-	25707-70-4
Methyl alcohol	67-56-1
Ethyl Alcohol	64-17-5

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 or 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 CLASS: Class B, Division 2, Flammable Liquid.
Class E, Corrosive.

DOMESTIC SUBSTANCE LIST (INVENTORY): Components included on inventory

16. OTHER INFORMATION

PREPARED BY: John A Kozak **Date Prepared:** 05/12/2015

HMIS RATING

HEALTH	*	3
FLAMMABILITY		3
PHYSICAL HAZARD		1
PERSONAL PROTECTION		H