



MARTRON INC. SAFETY DATA SHEET MARTRON 5090-25 SEALER

SECTION 1: COMPANY and MIXTURE IDENTIFICATION

1.1 Product Name MARTRON 5090-25 SEALER
Product Number MFC-001547

1.2 Product Type and Use Metal Finishing Additive

1.3 Supplier Details Martron Inc.
1394-A Walkup Ave.
Monroe, NC 28110
704-289-1934

Website www.martroninc.com

1.4 Emergency Number CHEMTREC 800-424-9300

SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the Mixture According to GHS (EC 1272 -2008)

Skin Corr. 1A, H314

Eye Dam. 1, H318

2.2 GHS Pictograms and Hazard/Precautionary Statements



Signal Word:

DANGER

Hazard Statements

H314A: Causes severe skin burns and eye damage.

H318: Causes serious eye damage.

Precautionary Statements

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.

P301+P330+P331: IF SWALLOWED: rinse mouth. Do NOT induce vomiting.

P303+P361+P353: IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower

P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P310: Immediately call a POISON CENTER or doctor/physician.

P363: Wash contaminated clothing before reuse.

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

2.3 Additional Information

NONE

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

Name	Product Identifier	%	Classification According to Regulation (EC) No. 1272/2008 [CLP]
Silicic Acid, Sodium Salt	CAS no. 1344-09-8 EC no. 215-687-4 Reach no. JCSL no. 1-508	< 60%	Skin Irrit 2, H315 Eye Irrit. 2, H319
Silicone Resin Solution	CAS no. T.S. EC no. 250-807-9 Reach no. Low volume exempt	< 15%	Skin Corr. 1A, H314 Eye Dam. 1, H318
Aliphatic Amine	CAS no. T.S. EC no. 205-483-3 Reach no. Low volume exempt JCSL no. 2-301	< 3%	Acute Tox. 4, H302 Acute Tox. 4, H312 Acute Tox. 4, H332 Skin Corr. 1B, H314
Organic Solvent	CAS no. T.S. EC no. 203-905-0 Reach no. Low volume exempt	< 2%	Acute Tox. 4, H302 Acute Tox. 4, H312 Acute Tox. 4, H332 Skin Irrit. 2, H315 Eye Irrit. 2, H319

SECTION 4: FIRST AID MEASURES**4.1 Description of First Aid Measures****Eye Contact**

Immediately flush eyes with flowing water for at least TWENTY (20) minutes. Call emergency medical services.

Skin Contact

Flush exposed area with running water for at least TWENTY (20) minutes. Remove and isolate contaminated clothing. Get medical attention.

Inhalation

Move exposed individual to fresh air. Give oxygen if breathing is difficult. Provide artificial respiration using a mask equipped with a one-way valve if victim is not breathing. Call emergency medical services.

Ingestion

Provide large quantities of water if victim is conscious and call emergency medical services Immediately. Never give anything by mouth to an unconscious person.

4.2 Important Symptoms and Effect, Acute and Delayed**Symptoms/Injuries**

May cause eye irritation, burns or blindness.

Inhalation

Inhalation of mist may cause irritation of the respiratory system.

Skin Contact

May cause severe burns. Symptoms might include pain, redness, and tissue damage.

Eye Contact

May cause serious damage to the eyes.

Ingestion

May cause severe irritation of the digestive tract, nausea, vomiting, or diarrhea.

4.3 Indication of Any Immediate Medical Attention and Special Treatment Needed

Seek immediate medical attention if splashed in eyes or if there is a difficulty in breathing while using this product.

SECTION 5: FIREFIGHTING MEASURES**5.1 Extinguishing Media**

Dry chemical powder. Water spray. Carbon dioxide (CO₂)

5.2 Special Hazards from the Mixture

Mixture itself does not burn but may decompose upon heating to produce fumes. Cool plastic drum, pail or tote containers which may swell or rupture upon heating.

5.3 Advice for Firefighters**Protection from Firefighting**

Use self-contained breathing apparatus and chemically protective clothing. For further information refer to Section 8, Exposure-controls/personal protection.

Other Information

Avoid eye and skin contact.

HMIS: 2-0-0-D

SECTION 6: ACCIDENTAL RELEASE MEASURES**6.1 Personal Precautions, Protective Equipment and Emergency Procedures****For Non-Emergency Personnel**

Ensure adequate ventilation, Use personal protective equipment.

For Emergency Responders

Ensure adequate ventilation, Use personal protective equipment.

6.2 Environmental Precautions

Avoid discharge into soil, water or air.

6.3 Containment and Cleanup**Methods for cleanup**

Contain spills, cover with absorbent, carefully sweep up material and transfer to a suitable container for disposal.

Other information

Comply with local regulations for disposal.

6.4 Reference to Other Sections

Refer to Section 8.

SECTION 7: HANDLING and STORAGE**7.1 Precautions for Safe Handling**

Avoid contact with skin, eye and clothing. Avoid breathing dust, mist or spray. Refer to Section 8 for exposure controls.

7.2 Storage and Incompatibles**Storage Condition(s)**

Shelf life is two (2) years from date of manufacture. Store tightly closed in a dry, cool and well-ventilated place.

Incompatible Materials

Product may react with strong acidic and strong basic solutions.

Storage Area

Floors should be impenetrable, resistant to liquids and easy to clean. Keep away from heat and direct sunlight. Do not store near oxidizing agents. Store in dry, cool, well-ventilated area.

SECTION 8: EXPOSURE CONTROLS and PERSONAL PROTECTION

8.1 Control Parameters

ALIPHATIC AMINE (T.S.) USA	ACGIH - TEL	8 mg/m3
ORGANIC SOLVENT (T.S.) USA	ACGIH - TEL	24 mg/m3
SILICIC ACID, SODIUM SALT USA	(1344-09-8) ACGIH - TEL	
SILICONE RESIN SOLUTION (T.S.) USA	ACGIH - TEL	N/A

8.2 Exposure Controls

Exposure Controls

Maintain employee exposures to levels below the applicable exposure limits.

Ventilation

Use local or general exhaust to reduce airborne exposures.

Respiratory Protection

To reduce exposure a NIOSH-approved respirator should be used.

Hand Protection

Wear chemical resistant rubber gloves.

Eye Protection

Wear chemical safety glasses and/or face shield.

Skin Protection

Wear protective clothing as appropriate.

Other

Launder contaminated clothing before reuse.

SECTION 9: PHYSICAL and CHEMICAL PROPERTIES

9.1 Information on Basic Physical and Chemical Properties

Appearance	Clear to slightly hazy liquid
Flammability (solid, gas)	No data available
Odour	No odor
Explosive Limits	No data available
Odour Threshold	No data available
Vapor Pressure	No data available
pH	11.0 – 13.0
Vapour Density	No data available
Melting Point	No data available
Relative Density	No data available
Solidification Point	No data available
Solubility	Complete in water
Boiling Point	No data available
Self-Ignition Temperature	No data available
Flash Point	No data available
Decomposition Temperature	No data available
Evap rate rel to butyl acetate	No data available
Viscosity	No data available

SECTION 10: STABILITY and REACTIVITY**10.1 Reactivity**

Product is an acidic solution and may react vigorously with alkaline solutions.

10.2 Chemical Stability

Product is stable under normal conditions only. Product may not be stable under heat, moisture, pressure ventilation or exposure to incompatible or reactive materials.

10.3 Possibility of Hazardous Reactions

Product will not undergo polymerization.

10.4 Conditions to Avoid

Keep away from heat. Keep out of direct sunlight.

10.5 Incompatible Materials

Product may react with strong acidic and strong basic solutions.

10.6 Hazardous Decomposition Products

Oxides of nitrogen, chromium and sulfur.

SECTION 11: TOXICOLOGICAL INFORMATION**11.1 Toxicological Effects****Acute toxicity**

No known acute toxicity effects when used as directed.

Skin Corrosion/Irritation

Causes severe skin burns and eye damage.

Respiratory or Skin Sensitization

May cause skin or respiratory sensitization with susceptible persons.

Embryotoxic, Teratogenic, or Mutagenic

None.

Carcinogenicity

None.

Reproductive or Gonadotoxicity

None.

Specific Target Organ Toxicity - Single Exposure

None.

CARCINOGENS

IARC
NTP

NONE
NONE

OSHA
EU

NONE
NONE

SECTION 12: ECOLOGICAL INFORMATION**12.1 Toxicity**

Material may be harmful to aquatic life if enough is released into waterways.

12.2 Persistence & Degradability

No persistence and biodegradability data available.

12.3 Bio-Accumulative Potential

No known bio-accumulative potential.

12.4 Mobility in Soil

No known mobility in soils.

12.5 PBT and vPvB Assessment

A PBT or vPvB assessment has NOT been completed for this product.

12.6 Other Adverse Effects

No other adverse effects known.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste Treatment Methods**Waste Disposal**

Dispose of this material and its container to hazardous or special waste collection point. Disposal must be done according to official regulations. Do not empty into drain or the aquatic environment.

Ecology - Waste Materials

Dispose of all waste in accordance with federal, state, and local regulations.

SECTION 14: TRANSPORTATION INFORMATION

14.1 U.S. DOT (Land)**Proper Shipping Name****Hazard Class****UN/NA Number****Packing Group****Labels Required****Marine Pollutant****Department of Transportation**

CORROSIVE LIQUID, BASIC, ORGANIC, N.O.S. (ETHANOLAMINE)

8

3267

III

CLASS 8 CORROSIVE

NONE

14.2 I.A.T.A./I.C.A.O. (Air)**Proper Shipping Name****Hazard Class:****UN/NA Number****Packing Group****Labels Required****Marine Pollutant****International Air Transportation Authority International Civil Air Organization**

CORROSIVE LIQUID, BASIC, ORGANIC, N.O.S. (ETHANOLAMINE)

8

3267

III

CLASS 8 CORROSIVE

NONE

14.3 I.M.D.G. (Sea)**Proper Shipping Name****Hazard Class****UN/NA Number****Packing Group****Labels Required****Marine Pollutant****International Maritime Organization**

CORROSIVE LIQUID, BASIC, ORGANIC, N.O.S.(ETHANOLAMINE)

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3267

III

CLASS 8 CORROSIVE

NONE

14.4 ERG Info**Reportable Quantity****Placard**

GUIDE # 153

NONE

AS REQUIRED

14.5 Environmental Hazards

This mixture is considered environmentally hazardous according to the UN Model Regulations and is considered a marine pollutant according to the IMDG Code.

14.6 Special Precautions

No other special precautions are required for transport of this mixture.

SECTION 15: REGULATORY INFORMATION**15.1 Safety, Health and Environmental Regulations****Classification According to Directive 1999/548/EC**

C; R34

DPD Pictograms**Risk and Safety Phrases**

R34, R36//38, S26, S36/37, S45, S46

INGREDIENT	CAS NUMBER	CERCLA	SARA 313	SARA 302	REACH SVHC List	ROHS 2
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NATIONAL INVENTORIES

AICS (Australia)	Status not determined
ECN (Taiwan)	Components listed
DSL (Canada)	Components listed
NDSL (Canada)	Not all components listed
ECL (Korea)	Components listed
NZIoC (New Zealand)	Components listed
EINECS (Europe)	Components listed
PICCS (Philippines)	Components listed
ENCS (Japan)	Components listed
SWISS (Switzerland)	Status not determined
IECSC (China)	Components listed
TSCA (USA)	Components listed

15.2 WHMIS

Components listed as CANADA WHMIS Class E/B3 - Corrosive Material/Combustible Material.

15.3 Chemical Safety Assessment

A Chemical Safety Assessment has not been carried out for this mixture by the supplier.

SECTION 16: OTHER INFORMATION**16.1 Method of Evaluation**

Mixture hazard classification per UN GHS Purple Book, (EC) 1272/2008 Article 9(4), OSHA Haz-Com 2012.

16.2 Other Information

This information is provided in good faith from current, reliable sources and is believed to be correct. No warranty is expressed, implied, or given. The seller of this material assumes no responsibility for any damages resulting from contact with this material

16.3 Revision History

6/5/15; Rev. GHS format.
10/28/14: Rev. S2, 14 and 16.
12/12/12: New release.