



SAFETY DATA SHEET

Current Revision: 1, 12/19/2018	Prepared by: Ben Ward, Product Engineer
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I. IDENTIFICATION

EMERGENCY PHONE: CHEMTREC- (800) 424-9300 CCN: 19481	Salem Fabrication Supplies 5901 Gun Club Road Winston-Salem, NC 27103 Information: (800) 234-1982
PRODUCT NAME: STM-910	
SYNONYMS: Synthetic coolant.	

Recommended Use:

Synthetic glass grinding fluid.

Restrictions:

Professional and industrial use.

II. HAZARD IDENTIFICATION

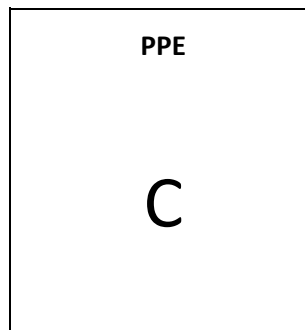
Classification (§1910.1200):

Skin Irrit. 2 H315

Eye Irrit. 2A H319

NFPA 704

Signal Word/Symbols:



GO BEYOND THE EDGE

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5901 Gun Club Road
Winston-Salem, NC 27103

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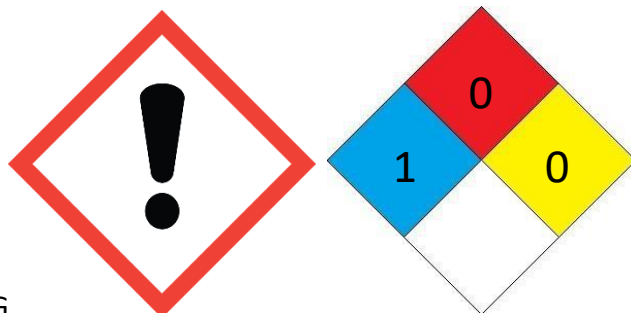
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WARNING

Hazard Statement:

- H315 - Causes skin irritation.
- H319 - Causes serious eye irritation.

Precautionary Statement:

- P261 - Avoid breathing vapors, mist, spray.
- P264 - Wash hands, forearms, and other exposed areas thoroughly after handling.
- P270 - Do not eat, drink or smoke when using this product.
- P280 - Wear protective gloves, protective clothing, and eye protection.
- P302+P352 - If on skin: Wash with plenty of water.
- P305+P351+P338 - If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- P321 - Specific treatment (see section 4 on this SDS).
- P332+P313 - If skin irritation occurs: Get medical advice/attention.
- P337+P313 - If eye irritation persists: Get medical advice/attention.
- P362+P364 - Take off contaminated clothing and wash it before reuse. P501 - Dispose of contents/container according to local, regional, national, and international regulations.

Miscellaneous Hazards:

Exposure may aggravate those with pre-existing eye, skin, or respiratory conditions.

Unknown Acute Toxicity Statement:

4.0% of the mixture consists of ingredient(s) of unknown acute toxicity.

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III.COMPOSITION

CHEMICAL NAME:	COMMON NAMES:	CAS:	% BY WEIGHT:
Proprietary chemical 1	N/A	N/A	<12
Proprietary chemical 2	N/A	N/A	<9

*Information withheld as a trade secret **Classified**

Impurities and Additives:

None known.

IV.FIRST AID MEASURES

General:

Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).

Inhalation:

When symptoms occur: go into open air and ventilate suspected area. Obtain medical attention if breathing difficulty persists.

Skin Contact:

Remove contaminated clothing. Rinse immediately with plenty of water (for at least 15 minutes). Wash contaminated clothing before reuse.

Eye Contact:

Rinse cautiously with water for at least 15 minutes. Remove contact lenses, if present and easy to do so. Continue rinsing. Obtain medical attention if irritation persists.

Ingestion:

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Rinse mouth. Do NOT induce vomiting. If vomiting occurs, keep head low to prevent aspiration of stomach contents into the lungs. Obtain medical attention if symptoms develop.

Symptoms/Effects:

Symptoms/Injuries: Causes skin and eye irritation.

Symptoms/Injuries After Inhalation: May cause respiratory irritation.

Symptoms/Injuries After Skin Contact: Redness, pain, swelling, itching, burning, dryness, and dermatitis.

Symptoms/Injuries After Eye Contact: Redness, pain, swelling, itching, burning, tearing, and blurred vision.

Symptoms/Injuries After Ingestion: Ingestion is likely to be harmful or have adverse effects.

Chronic Symptoms: None expected under normal conditions of use.

Level of Medical Attention Needed:

If exposed or concerned, get medical advice and attention. If medical advice is needed, have product container or label at hand.

V. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media:

Use extinguishing media appropriate for surrounding fire.

Unsuitable Extinguishing Media:

Do not use a heavy water stream. Use of heavy stream of water may spread fire.

Specific Hazards:

Fire Hazard: Not considered flammable.

Explosion Hazard: Product is not explosive.

Reactivity: Hazardous reactions are not expected to occur under normal conditions.

Advice for Firefighters:

Precautionary Measures: Exercise caution when fighting any chemical fire.

Firefighting Instructions: Use water spray or fog for cooling exposed containers.

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Protection During Firefighting: Do not enter fire area without proper protective equipment, including respiratory protection.

Other Information: Do not allow run-off from firefighting to enter drains or water courses.

VI. ACCIDENTAL RELEASE MEASURES

Personal Precautions:

Do not breathe vapor, mist or spray. Avoid all contact with skin, eyes, or clothing. Spilled material may present a slip hazard.

Non-Emergency Responders:

Protective Equipment: Use appropriate personal protective equipment (PPE).
Emergency Procedures: Evacuate unnecessary personnel.

Emergency Responders:

Protective Equipment: Equip cleanup crew with proper protection.
Emergency Procedures: Upon arrival at the scene, a first responder is expected to recognize the presence of dangerous goods, protect oneself and the public, secure the area, and call for the assistance of trained personnel as soon as conditions permit.

Environmental Precautions:

Prevent entry to sewers and public waters. Avoid release to the environment.

Methods for Cleanup/Removal:

For Containment: Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams. As an immediate precautionary measure, isolate spill or leak area in all directions.

Methods for Cleaning Up: Clean up spills immediately and dispose of waste safely. Transfer spilled material to a suitable container for disposal. Contact competent authorities after a spill, as required.

VII. HANDLING AND STORAGE

Handling Precautions:

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Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Handle empty containers with care because they may still present a hazard. Do not get in eyes, on skin, or on clothing. Do not breathe vapors, mist, spray.

Hygiene Measures:

Handle in accordance with good industrial hygiene and safety procedures. Do not eat, drink or smoke when using this product.

Safe Storage Conditions:

Comply with applicable regulations. Keep container closed when not in use. Store in a dry, cool place. Keep/Store away from direct sunlight, extremely high or low temperatures and incompatible materials. Store in original container or corrosive resistant and/or lined container. Do not freeze. If product is frozen, return to room temperature and mix well before use.

Incompatibilities:

Strong acids, strong bases, oxidizers.

VIII. EXPOSURE CONTROLS AND PROTECTIVE EQUIPMENT

For substances listed in section 3 that are not listed here, there are no established exposure limits from the manufacturer, supplier, importer, or the appropriate advisory agency including: ACGIH (TLV), NIOSH (REL), or OSHA (PEL).

OSHA PEL:	ACGIH TLV:	OTHER EXPOSURE LIMITS:
N/A	N/A	None established.

Appropriate Engineering Controls:

Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Ensure adequate ventilation, especially in confined areas. Ensure all national/local regulations are observed.

Personal Protective Measures:

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Gloves. Protective clothing. Chemical safety goggles.

If exposure limits are exceeded or irritation is experienced, approved respiratory protection should be worn.

IX. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:

Blue/ clear to slight haze liquid

Odor: No data available.	Odor Threshold: No data available.	pH: 9.90
Melting/Freezing Point: < 32 °F (0 °C)	Boiling Point: > 212 °F (100 °C)	Boiling Range: No data available.
Flash Point: No data available.	Evaporation Rate: No data available.	Flammability (Solid, Gas): No data available.
Upper/ Lower Flammability/ Explosive Limit: No data available.	Vapor Pressure: No data available.	Vapor Density: No data available.
Relative Density: 1.060	Solubility (ies): Complete.	Partition Coefficient: NOctanol/Water: No data available.
Auto Ignition Temperature: No data available.	Decomposition Temperature: No data available.	Viscosity: No data available.

X. STABILITY AND REACTIVITY

Reactivity:

Hazardous reactions will not occur under normal conditions.

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Chemical Stability:

Stable under recommended handling and storage conditions (see section 7).

Possibility of Hazardous Reactions:

Hazardous polymerization will not occur.

Conditions to Avoid: Static Discharge, Shock, Vibrations, Etc.

Direct sunlight, extremely high or low temperatures, and incompatible materials.

Incompatible Materials:

Strong acids, strong bases, and oxidizers.

Hazardous Decomposition Products:

Thermal decomposition generates: Nitrogen oxides.

XI. TOXICOLOGICAL INFORMATION

Possible Exposure Routes (Inhalation Etc.):

Eye, lung, ingestion, and skin.

Acute Toxicity:

Not classified.

Skin Corrosion/Irritation:

Causes skin irritation. (pH: 9.90)

Serious Eye Damage/Irritation:

Causes serious eye irritation. (pH: 9.90)

Respiratory or Skin Sensitization:

Not classified.

Germ Cell Mutagenicity:

Not classified.

Carcinogenicity:

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Not classified.

Reproductive Toxicity:

Not classified.

Specific Target Organ Toxicity (Single Exposure):

Not classified.

Specific Target Organ Toxicity (Repeated Exposure):

Not classified.

Aspiration Hazard:

Not classified.

Delayed, Immediate, and Chronic Effects:

Symptoms/Injuries After Inhalation: May cause respiratory irritation.

Symptoms/Injuries After Skin Contact: Redness, pain, swelling, itching, burning, dryness, and dermatitis.

Symptoms/Injuries After Eye Contact: Redness, pain, swelling, itching, burning, tearing, and blurred vision.

Symptoms/Injuries After Ingestion: Ingestion is likely to be harmful or have adverse effects. Chronic Symptoms: None expected under normal conditions of use.

Numerical Toxicity Measurements:

None known.

NTP/IARC/OSHA Known Carcinogen:

Not a known carcinogen.

XII.ECOLOGICAL INFORMATION

Ecotoxicity:

Not established. An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.

Persistence and Degradability:

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Not established.

Bioaccumulative Potential:

Not established.

Soil Mobility:

No additional information available.

Other Adverse Effects:

Avoid release to the environment.

XIII. DISPOSAL CONSIDERATIONS

Waste Residue and Disposal:

Dispose of contents/container in accordance with local, regional, national, and international regulations.
 Container may remain hazardous when empty. Continue to observe all precautions.
 Avoid release to the environment.

XIV. TRANSPORT INFORMATION

UN Number: Not regulated.	UN Proper Shipping Name: Not regulated.	Transport Hazard Class (es): Not regulated.
Packing Group: Not regulated.	Environmental Hazards: Not regulated.	Transport in Bulk (Annex LI MARPOL 73/78 and IBC Code) Not regulated.

Special Precautions:

Avoid release to the environment.

XV. REGULATORY INFORMATION

Environmental/ Health/ Safety:

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US Federal Regulations: All ingredients are listed on the United States TSCA (Toxic Substances Control Act) inventory.

SARA Section 311/312 Hazard Classes: Immediate (acute) health hazard.

US State Regulations: No additional information available.

XVI. OTHER INFORMATION

This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200.

This information is furnished without warranty, express or implied, except that it is accurate to the best knowledge of Salem Fabrication Supplies. It relates only to the specific material designated herein, and does not relate to use in combination with any other material or in any process. Salem Fabrication Supplies assumes no legal responsibility for use of or reliance upon this information.

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