

SAFETY DATA SHEET



Issue Date: March 28, 2017

Revision Date: June 25, 2018

Version: 2017

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: DuraShield SRT Resin

Other Means of Identification

SDS #: F1225 Resin

Recommended Use: Concrete Sealer, Resin

Restrictions on Use: No Data

Supplier of the Safety Data Sheet including Address:

ChemMasters Inc.
300 Edwards Street
Madison, OH 44057

Telephone Numbers

Company Phone Number

Phone: 800-486-7866, 440-428-2105

Fax: 440-428-7091

Emergency Telephone: ChemTrec 800-424-9300

2. HAZARDS IDENTIFICATION

Emergency Overview

OSHA Hazards:

Causes eye irritation, may be harmful if swallowed, may be harmful if inhaled, may cause respiratory irritation, may cause skin irritation.

GHS Classification:

Eye damage/eye irritation – Category 2B

Acute toxicity, Oral – Category 5

Acute toxicity, Inhalation – Category 5

Specific Target Organ toxicity – single exposure: Category 3

Label Elements, including precautionary statements

Pictograms:



Signal Word: WARNING

Hazard Statements:

- H303 May be harmful if swallowed
H320 Causes eye irritation.
H333 May be harmful if inhaled.
H335 May cause respiratory irritation.

Precautionary Statement(s)**Prevention:**

- P261 Avoid breathing dust/fume/gas/mist/vapours/spray.
P264 Wash hands and skin thoroughly after handling.
P271 Use only outdoors or in a well-ventilated area.
P280 Wear protective gloves.

Response:

- 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 or attention.
P312 If swallowed: Call a POISON CENTER/doctor if you feel unwell.
P362+P364 Take off contaminated clothing and wash before reuse.
P304+P340+P312 **IF INHALED:** Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER/doctor if you feel unwell.

Storage:

- P403+P233 Store in a well-ventilated place. Keep container tightly closed.
P405 Store locked up.

Disposal:

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

Hazards not otherwise classified: May cause skin irritation.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Component

Water – Non Hazardous	CAS#: 7732-18-5	70-75%
Acrylic Co-Polymer Solids	CAS#: Proprietary	20-25%
Acetic Acid	CAS#: 64-19-7	<1%
Ethylene Glycol Butyl Ether	CAS#: 111-76-2	<1%

Ingredients not listed on this safety data sheet are considered to be non-hazardous according to OSHA 1910.1200 or are not present above their cutoff levels.

4. FIRST AID MEASURES

First Aid Measures

General Advice: Consult a physician. Show this safety data sheet to the doctor in attendance. Move out of dangerous area.

Inhalation: IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER/doctor if you feel unwell. If not breathing, give artificial respiration. Consult a physician.

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

Ingestion: IF SWALLOWED: Do NOT induce vomiting. Never give anything by mouth to an unconscious person. If conscious, rinse mouth with water. Call a POISON CENTER/doctor if you feel unwell.

Skin Contact: Wash off with soap and plenty of water. If skin irritation occurs: Get medical advice or attention.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media

Product is not combustible. Use water spray (fog), alcohol-resistant foam, dry chemical, or carbon dioxide for surrounding fire.

Specific Hazards Arising from the Chemical

None Known

Hazardous Combustion Products

Carbon oxides

Protective Equipment and Precautions for Firefighters

Wear self-contained breathing apparatus and full protective gear for firefighting.

Further Information

See Section 7 for safe handling and storage.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures

In case of spill wear appropriate personal protective equipment during any cleanup and response activities. Avoid skin contact and inhalation.

Environmental Precautions

Prevent further leakage or spillage if safe to do so. Do not let product enter drains.

Methods and Material for Containment and Cleaning Up

Dike and contain spill with inert absorbent materials. Soak up with inert material and dispose of as hazardous waste. Keep in suitable, closed containers for disposal.

7. HANDLING AND STORAGE

Precautions for Safe Handling

Avoid contact with skin and eyes. Avoid inhalation of vapour or mist.

Conditions for Safe Storage, Including any Incompatibilities

General information: Keep at a temperature not exceeding 38 Degrees C (100 Degrees F). Do not allow material to freeze. Keep container tightly closed in a dry and well ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage.

Safe Storage:

No Additional Data

Incompatibilities:

None known

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines

Component Exposure Limit

Ethylene Glycol Butyl Ether: ACGIH TWA 20 ppm

Acetic Acid: ACGIH TWA 10 ppm, STEL 15 ppm

Appropriate Engineering Controls

Local Ventilation: Recommended

General Ventilation: Recommended

Individual Protection Measures, such as Personal Protective Equipment

Eye/Face Protection: Use proper protection – Safety Glasses as a minimum

Skin and Body Protection: Wash at mealtime and end of shift. Skin contact must be avoided by using impervious protective clothing (gloves, aprons, boots, etc.). Use chemical protective gloves as a minimum and wash skin promptly upon any skin contact.

Respiratory Protection: Use respiratory protection unless adequate local exhaust ventilation is provided or exposure assessment demonstrates that exposures are within recommended exposure guidelines. Where concentrations are above recommended limits or are unknown, appropriate respiratory protection should be worn. Follow OSHA respirator regulations (29 CFR 1910.134) and use NIOSH/MSHA approved respirators.

Note: Trace amounts of monomers may be released during use of this material. Use adequate ventilation to keep vapour concentrations below applicable standard.

General Hygiene Considerations

Handle in accordance with good industrial hygiene and safety practice. Wash hands before & after breaks and work day.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on Basic Physical and Chemical Properties

Physical State

Appearance: Liquid

Color: Slightly Hazy (Dries Clear)

Odor: Typical Acrylic, Mild acid

Odor threshold: No Data

<u>Property</u>	<u>Value</u>	<u>Remarks – Method</u>
Vapor Pressure	Not Available	
Vapor Density	Not Available	
Relative Density	Not Available	
pH:	5-6	
Melting/Freezing Point	Freezing Point 32 Degrees F (0 Degrees C)	
Solubility	Dispersible in water	
Evaporation Rate	Not Available	
Flash Point	Not Relevant	
Flammability Limits	Not Relevant	
Flammability (Solid, gas)	Not Relevant	
Auto Ignition Temperature	Not Available	
Initial Boiling Point/Boiling Range	Boiling Point 212 Degrees F (100 Degrees C)	
Decomposition Temperature	Not Available	
Viscosity	Not Available	
Specific Gravity	1.03 +/- 0.01	Density: 8.59 lb./gal. +/- 0.1

10. STABILITY AND REACTIVITY

Chemical Stability: Stable

Possibility of Hazardous Reactions: No Data Available.

Conditions to Avoid: None known

Incompatible Materials: Alkaline materials

Hazardous Decomposition Products: Carbon oxides

11. TOXICOLOGICAL INFORMATION

Likely Routes of Exposure: Inhalation, Skin Contact, Eye Contact
Ingestion is not an anticipated route of exposure for this material in industrial use.

Symptoms of Exposure:

Ingestion (swallowing) may irritate the mouth, may cause nausea, vomiting and diarrhea.

Contact causes eye irritation.

Contact may cause skin irritation.

Inhalation of vapours or mist may cause respiratory irritation

Numerical measures of toxicity:

Ingredient: Ethylene Glycol Butyl Ether, Acute Toxicity – Oral; LD50 470 mg/Kg Rat; Acute Toxicity – Dermal LD50 220 mg/Kg Rabbit; Acute Toxicity – Inhalation LC50 450 ppm 4 hours Rat.

Ingredient: Acetic Acid, Acute Toxicity – Oral; LD50 3310 mg/Kg Rat; Acute Toxicity – Dermal LD50 1060 mg/Kg Rabbit; Acute Toxicity – Inhalation LC50 11.4 mg/l 4 hours Rat.

Delayed and Immediate Effects as well as Chronic Effects from Short and Long-Term Exposure

Carcinogenicity: IARC, ACGIH, NTP, OSHA

No components of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen.

Not Sensitizing

12. ECOLOGICAL INFORMATION

Eco toxicity: No Data Available

Persistence and Degradability: No Data Available

Bioaccumulation: No Data Available

Mobility: No Data Available

Other Adverse Effects: No Data Available

13. DISPOSAL CONSIDERATIONS

Waste Treatment Methods

Disposal of Wastes: This product is not expected to be a hazardous waste under RCRA. Dispose of in conformance with all federal, state and local regulations.

Contaminated Packaging: Dispose of as unused material.

14. TRANSPORT INFORMATION

DOT: Not Regulated

IMDG: Not Regulated
Marine Pollutant: No

IATA: Not Regulated

15. REGULATORY INFORMATION

International Inventories

TSCA: All chemical substances in this material are included on or exempted from listing on the TSCA Inventory of Chemical Substances.

US Federal Regulations

SARA 302: None Known

SARA 311/312 Hazard Categories: Acute Health Hazard

SARA 313 Hazard Components:

CAS#: 111-76-2, Ethylene Glycol Butyl Ether, <1% Maximum

CWA (Clean Water Act): None Known

Supplemental State Compliance Information

California:

This product may contain trace amounts of a chemical(s) listed by the State of California under the Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65) as being known to cause cancer, birth defects or other reproductive harm.

New Jersey Right To Know:

CAS Number	Component Name
64-19-7	Acetic Acid
111-76-2	Ethylene Glycol Butyl Ether

Pennsylvania Right To Know:

CAS Number	Component Name
64-19-7	Acetic Acid
111-76-2	Ethylene Glycol Butyl Ether

Massachusetts Right To Know:

CAS Number	Component Name
64-19-7	Acetic Acid
111-76-2	Ethylene Glycol Butyl Ether

U.S. EPA Label Information: No Data

16. OTHER INFORMATION

HMIS Classification:

Health hazard:	1
Flammability:	0
Physical Hazards:	0

NFPA Rating:

Health hazard:	1
Fire:	0
Reactivity Hazard:	0

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Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet