

Material Safety Data Sheet

HMIS Ratings
Health 3
Flammability 1
Reactivity 0
Protection X

1 Chemical Product and Company Identification

Manufacturer Information Dynaloy, Inc.
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Product Identity DYNASOLVE 210

Product Code Number J010

Product Use Organic Silicone Solvent

Version # 1.0

CAS # Mixture

2 Composition / Information on Ingredients

Ingredient Name	CAS Number	Wgt. %	Exposure Limits		Carcinogen
			PEL-OSHA	TLV-ACGIH	
METHYLENE CHLORIDE	75-09-2	60 - 100	25 ppm TWA	50 ppm TWA	No
BENZENE SULFONIC ACID, DODECYL-	27176-87-0	7 - 13	Not Established	Not Established	No
Non-hazardous and other ingredients below reportable levels	Proprietary	10	N/AP	N/AP	N/AP

3 Hazards Identification

Potential Health Effects

Skin This product is severely irritating to the skin and may cause burns.

Eyes This product is severely irritating to the eyes and may cause eye burns. Symptoms may include stinging, tearing, redness, swelling, and blurred vision.

Inhalation Excessive inhalation of this material causes headache, dizziness, nausea and incoordination. Repeated inhalation may be harmful; lung irritation and serious central nervous system disorders may result.

Ingestion Ingestion can cause gastrointestinal irritation, nausea, vomiting and diarrhea. This product may produce corrosive damage to the gastrointestinal tract if it is swallowed.

Hazard Statements

CORROSIVE

4 First Aid Measures

First Aid

Skin	For skin contact flush with large amounts of water while removing contaminated clothing. If irritation persists, get medical attention.
Eyes	Immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention or advice.
Inhalation	Move person to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth. If breathing is difficult, give oxygen. Seek medical attention.
Ingestion	If the material is swallowed, get immediate medical attention or advice -- Do not induce vomiting. Do not induce vomiting unless directed to do so by medical personnel.
Notes to Physician	This material, if aspirated into the lungs, may cause chemical pneumonitis; treat the affected person appropriately.

5 Fire Fighting Measures

Hazardous Combustion Products

Irritating and toxic gases or fumes may be released during a fire.

Extinguishing Media

Dry chemical, foam, carbon dioxide, water fog.

General Fire Hazards

Fire and explosion hazards are moderate when this product is exposed to heat or flame.

Fire Fighting Equipment/Instructions

Wear full protective clothing, including helmet, self-contained positive pressure or pressure demand breathing apparatus, protective clothing and face mask.

Flash Point N/AP TCC

6 Accidental Release Measures

Containment Procedures

Eliminate sources of ignition. Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible.

Clean-Up Procedures

Absorb spill with inert material. Shovel material into appropriate container for disposal.

7 Handling and Storage

Handling Procedures

Avoid prolonged or repeated skin contact with this material. Wash thoroughly after handling.

Storage Procedures

Keep the container tightly closed and in a cool, well-ventilated place.

8 Exposure Controls / Personal Protection

Engineering Controls

Use general ventilation and use local exhaust, where possible, in confined or enclosed spaces. Provide adequate local exhaust ventilation to maintain worker exposure below exposure limits.

Personal Protective Equipment

Eyes/Face

Wear safety glasses; chemical goggles (if splashing is possible).

Skin

Use impervious gloves. Normal work clothing (long sleeved shirts and long pants) is recommended. Use of impervious apron and boots are recommended where splashing of the chemical is likely.

Respiratory

If ventilation is not sufficient to effectively prevent buildup of vapor/mist/fume/dust, appropriate NIOSH/MSHA respiratory protection must be provided. If airborne concentrations are above the applicable exposure limits, use NIOSH approved respiratory protection.

General

Use good industrial hygiene practices in handling this material. Eye wash fountain and emergency showers are recommended.

9 Physical & Chemical Properties

Boiling Point	104 F
Specific Gravity	1.27
Vapor Pressure	355 mm/Hg @ 20 C
Evaporation Rate	0.7 Ether=1
Vapor Density	2.93 Air=1
Solubility (H2O)	2 g/100g @ 25 C
VOC	10.62 lbs/gal
pH	Not applicable

10 Chemical Stability & Reactivity Information

Chemical Stability

Stable under normal conditions.

Hazardous Decomposition

Irritating and/or toxic fumes and gases may be emitted upon the products decomposition.

Hazardous Polymerization

Will not occur.

Incompatibility

Strong acids, alkalies and oxidizing agents.

11 Toxicological Information

Toxicological Information

No data available for this product.

12 Ecological Information

Ecological Information

No data available for this product.

13 Disposal Considerations

Disposal Instructions

Dispose of waste material according to Local, State, Federal, and Provincial Environmental Regulations.

14 Transportation Information

US DOT HMR Information

Proper Shipping Name	Corrosive liquids, toxic, n.o.s., (Dodecylbenzene Sulfonic Acid, Dichloromethane)		
Identification Number	UN2922	Packaging Group	II
Hazard Class	8		

15 Regulatory Information

US Federal Regulations

All components are on the U.S. EPA TSCA Inventory List.

CERCLA/SARA - Section 313 - Emission Reporting

METHYLENE CHLORIDE

State Regulations

Other state regulations may apply. Check individual state requirements.

California - Proposition 65 - Carcinogens List

METHYLENE CHLORIDE

16 Other Information

Disclaimer

NOTICE: The information presented herein is based on data considered to be accurate as of the date of preparation of this Material Safety Data Sheet. However, MSDS may not be used as a commercial specification sheet of manufacturer or seller, and no warranty or representation, expressed or implied, is made as to the accuracy or comprehensiveness of the foregoing data and safety information, nor is any authorization given or implied to practice any patented invention without a license. In addition, no responsibility can be assumed by vendor for any damage or injury resulting from abnormal use, from any failure to adhere to recommended practices, or from any hazards inherent in the nature of the product.

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