

Material Safety Data Sheet

HMIS Ratings
Health 2
Flammability 1
Reactivity 0
Protection X

1 Chemical Product and Company Identification

Manufacturer Information Dynaloy, Inc.
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FOR INTERNATIONAL
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Supercedes 2002-May-24

Product Identity Dynasolve CU-6

Product Code Number J001

Product Use Polyurethane Remover

Version # 1.0

CAS # Mixture

2 Composition / Information on Ingredients

Ingredient Name	CAS Number	Wgt. %	PEL-OSHA	Exposure Limits		Carcinogen
				TLV-ACGIH		
2-PYRROLIDINONE, 1-METHYL-	872-50-4	40 - 70	Not Established	Not Established		No
2(3H)-FURANONE, DIHYDRO-	96-48-0	10 - 30	Not Established	Not Established		No
ETHANOL, 2-PHENOXY-	122-99-6	10 - 30		Not Established		No
PROPANOL, [2-(2-METHOXYMETHYLETHOXY)METHYL-]	25498-49-1	5 - 10	Not Established	Not Established		No

3 Hazards Identification

Potential Health Effects

Skin Prolonged and/or repeated skin contact with this product may cause irritation/dermatitis.

Eyes This product may cause irritation to the eyes. High concentration of product vapors can cause severe irritation of eyes.

Inhalation Exposure to oil mist/fume/vapor may cause respiratory tract irritation. Excessive inhalation of this product may cause headache, dizziness, blurred vision, nausea and vomiting.

Ingestion Ingestion can cause gastrointestinal irritation, nausea, vomiting and diarrhea.

Hazard Statements

CAUTION: EYE AND SKIN IRRITANT.

4 First Aid Measures

First Aid

Skin	For skin contact flush with large amounts of water while removing contaminated clothing. Wash contaminated clothing before reuse. If irritation persists, get medical attention.
Eyes	Flush immediately with water for at least 15 minutes. Do not rub eyes. If irritation persists get medical attention.
Inhalation	If inhalation of gas/fume/vapor/dust/mist from the material is excessive (air concentration is greater than the TLV or health effects are noticed), immediately remove the affected person(s) to fresh air. If symptoms persist, get medical attention.
Ingestion	DO NOT induce vomiting unless directed to do so by medical personnel. Call a physician immediately.

5 Fire Fighting Measures

Hazardous Combustion Products

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

Extinguishing Media

Dry chemical (preferred), alcohol foam, water. Use water to cool fire-exposed containers and to protect personnel.

Fire Fighting Equipment/Instructions

Firefighters should wear full protective clothing including self contained breathing apparatus.

Flash Point 99 °C (210°F) CC

6 Accidental Release Measures

Containment Procedures

Dike the spilled material, where this is possible. Absorb with inert absorbent such as dry clay, sand or diatomaceous earth, commercial sorbents, or recover using pumps.

Clean-Up Procedures

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

7 Handling and Storage

Handling Procedures

As with all chemicals, good industrial hygiene practices should be followed when handling this material. Avoid getting this material into contact with your skin and eyes.

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

Respiratory protection; not normally required for ambient air concentrations not exceeding the Occupational Exposure Limit. If ventilation is not sufficient to effectively prevent buildup of vapors, appropriate NIOSH/MSHA respiratory protection must be provided

General

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

9 Physical & Chemical Properties

Boiling Point	> 200 °C
Specific Gravity	1.06
Vapor Pressure	< 1 mm Hg
Solubility (H₂O)	complete
VOC	8.76 lb/gal

10 Chemical Stability & Reactivity Information

Chemical Stability

Stable under normal conditions.

Hazardous Decomposition

None known. Irritating and/or toxic fumes and gases may be emitted upon the products decomposition.

Hazardous Polymerization

Will not occur.

Incompatibility

Strong oxidizing agents (peroxides, chlorine, strong acids).

11 Toxicological Information

Toxicological Information

No data available for this product.

12 Ecological Information

Ecological Information

No data available for this product.

Environmental Effects

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

General

This product is not regulated as a hazardous material by the United States (DOT) or Canadian (TDG) transportation regulations.

US DOT HMR Information

Proper Shipping Name	Not Regulated
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15 Regulatory Information

US Federal Regulations

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

CERCLA/SARA - Section 313 - Emission Reporting

2-PYRROLIDINONE, 1-METHYL-

State Regulations

Other state regulations may apply. Check individual state requirements.

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.

Prepared By	Technical Department
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