

# Material Safety Data Sheet

## 1 Identification of Preparation and of Company

**Product Identity** Dynasolve 220  
**Product Code Number** J027  
**Version #** 1.0  
**CAS #** Mixture  
**Product Use** Organic Silicone Solvent  
**Manufacturer Information** Dynaloy™, LLC  
6445 Olivia Lane  
Indianapolis, IN 46226 USA  
**Emergency Phone** 1-800-424-9300  
(CHEMTREC)  
FOR INTERNATIONAL  
CALLS  
703-527-3887  
**Phone** (317) 788-5694

## 2 Composition / Information on Ingredients

<u>Ingredient Name</u>	<u>CAS Number</u>	<u>Wgt. %</u>	<u>Risk Codes</u>
NAPHTHA, PETROLEUM, HYDROTREATED HEAVY	64742-48-9	60 - 100	R38, R45, R65
BENZENE SULFONIC ACID, DODECYL-	27176-87-0	10 - 30	R36/38

## 3 Hazards Identification

### Hazard Statements

FLAMMABLE  
CORROSIVE

## 4 First Aid Measures

### First Aid

<b>Skin</b>	Immediately take off all contaminated clothing. For skin contact, wash immediately with soap and water. If irritation persists, get medical attention.
<b>Eyes</b>	Immediately flush eyes with plenty of water for at least 15 minutes. If irritation persists get medical attention.
<b>Inhalation</b>	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. Call a physician if symptoms develop or persist. If not breathing, give artificial respiration, preferably mouth-to-mouth. If breathing is difficult, give oxygen.
<b>Ingestion</b>	If the material is swallowed, get immediate medical attention or advice -- Do not induce vomiting. Never give anything by mouth to a victim who is unconscious or is having convulsions.
<b>Notes to Physician</b>	This material, if aspirated into the lungs, may cause chemical pneumonitis; treat the affected person appropriately.

## 5 Fire Fighting Measures

### Hazardous Combustion Products

Upon decomposition, product emits acrid, dense smoke with carbon dioxide, carbon monoxide, formaldehyde, other aldehydes, methanol, acetone and other low molecular weight hydrocarbons.

### Suitable extinguishing media

Water spray, dry chemical, carbon dioxide. Alcohol foam.

### General Fire Hazards

Vapors are heavier than air and may travel along the ground to some distant source of ignition and flash back. If product is heated above its flash point it will release flammable vapors which can burn in the open or be explosive in confined spaces if exposed to ignition source. Mists or sprays may be flammable below its normal flash point.

### 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** 104 °F (40°C) CC

## 6 Accidental Release Measures

### Containment Procedures

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

### Methods for cleaning up

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. As with all chemicals, good industrial hygiene practices should be followed when handling this material.

### Storage Procedures

Keep the container tightly closed and in a cool, well-ventilated place. Do not store, incinerate, or heat this material above 120 degrees Fahrenheit (48°C).

## 8 Exposure Controls / Personal Protection

### Engineering measures

Provide adequate local exhaust ventilation to maintain worker exposure below exposure limits. Explosion proof exhaust ventilation should be used if product is heated near or above its flash point.

### Personal Protective Equipment

#### Eyes/Face

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

#### Skin

Use impervious gloves. 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.

#### General

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

<b>Ingredient Name</b>	<b>CAS Number</b>	<b>Recommended OEL (TLV-ACGIH)</b>
NAPHTHA, PETROLEUM, HYDROTREATED HEAVY	64742-48-9	Not Established
BENZENE SULFONIC ACID, DODECYL-	27176-87-0	Not Established

## 9 Physical and Chemical Properties

<b>Boiling Point</b>	> 320 °F
<b>Specific Gravity</b>	0.83
<b>Vapor Pressure</b>	< 10 mm/Hg @25 C
<b>Evaporation Rate</b>	0.3 n-Butyl Acetate=1
<b>Solubility in Water</b>	insoluble
<b>VOC</b>	4.94 lbs/gal
<b>pH</b>	N/AP

## 10 Stability and Reactivity

### Stability

Stable under normal conditions.

### Hazardous decomposition products

Hazardous combustion products may include carbon monoxide, carbon dioxide and hydrocarbon fragments.

### Hazardous Polymerization

Will not occur.

### Incompatibility

This product may react with strong alkalis.

## 11 Toxicological Information

### Toxicological Information

No data available for this product.

### Potential Health Effects

<b>Skin</b>	Prolonged and/or repeated skin contact with this product may cause irritation/dermatitis. Contact with liquid may produce severe skin irritation including redness, inflammation and chemical burns.
<b>Eyes</b>	This product is severely irritating to the eyes and may cause eye burns. High concentration of product vapors can cause severe irritation of eyes. Symptoms include itching, burning, redness and tearing.
<b>Inhalation</b>	Inhalation of vapors or mists of the product may be irritating to the respiratory system. Excessive inhalation of this product may cause headache, dizziness, blurred vision, nausea and vomiting.
<b>Ingestion</b>	Ingestion can cause gastrointestinal irritation, nausea, vomiting and diarrhea. This product may produce corrosive damage to the gastrointestinal tract if it is swallowed.

## 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

### European Ground Transport (ADR/RID Requirements)

<b>Proper Shipping Name</b>	Flammabale Liquids, Corrosive, n.o.s., (Petroleum Distillates, Dodecylbenzene Sulfonic Acid)
<b>UN Number</b>	UN2924
<b>Class/Division</b>	3
<b>Subsidiary Risk</b>	8
<b>Packing Group</b>	III

## Maritime Transport (IMDG Requirements)

<b>Proper Shipping Name</b>	Flammable Liquids, Corrosive, n.o.s. (Petroleum Distillates, Dodecylbenzene Sulfonic Acid)
<b>UN Number</b>	UN2924
<b>Class/Division</b>	3
<b>Subsidiary Risk</b>	8
<b>Packing Group</b>	III

## 15 Regulatory Information

### US Federal Regulations

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

### State Regulations

Other state regulations may apply. Check individual state requirements.

### Labelling Information



Irritant (Xi)



Flammable

### Risk Codes and Phrases

R10 Flammable.  
R36/38 Irritating to eyes and skin.

### Safety Codes and Phrases

S24/25 Avoid contact with skin and eyes.

## 16 Other Information

<b>Issued By</b>	Dynaloy™, LLC
<b>Authored By</b>	Technical Department
<b>Date Issued</b>	10-Apr-2007
<b>Revision No.</b>	04
<b>Supersedes</b>	13-Aug-2004

### Disclaimer

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