



## MATERIAL SAFETY DATA SHEET

### SECTION 1 - MATERIAL IDENTIFICATION

<b>PRODUCT NAME</b>	<b>DURASOIL*</b>
<b>MANUFACTURER</b>	*DURASOIL is a registered trademark of Soilworks, LLC. Soilworks, LLC. 2450 South Gilbert Road, Suite 210 Chandler, Arizona 85286-1595 USA <a href="http://www.soilworks.com">www.soilworks.com</a> 800-545-5420
<b>TELEPHONE NUMBER</b>	800-545-5420
<b>ONLINE INFORMATION</b>	<a href="http://www.soilworks.com">www.soilworks.com</a> and <a href="http://www.durasoil.com">www.durasoil.com</a>
<b>EMERGENCY TELEPHONE NUMBERS</b>	800-545-5420 (National & International)
<b>REVISION DATE</b>	March 2006

### EMERGENCY OVERVIEW

<b>PHYSICAL FORM</b>	Bright clear viscous liquid
<b>COLOR</b>	Colorless
<b>ODOR</b>	Odorless
<b>HAZARDS</b>	This material is NOT HAZARDOUS according to the OSHA Hazard Communication Standard, 29 CFR 1910.1200.
<b>C.A.S. CHEMICAL NAME</b>	Product a blend. No number assigned
<b>CHEMICAL NAME</b>	Synthetic Organic Fluid For Dust Control
<b>SYNONYMS</b>	Dust Palliative, Dust Retardant, Dust Suppressant, Dust Control Material, Dust Inhibitor
<b>CHEMICAL FAMILY</b>	N/A
<b>EMPIRICAL FORMULA</b>	Mixture
<b>INTENDED USE</b>	Control Dust, Retard Dust, Suppress Dust, Inhibit Dust, Stop Dust, Reduce Dust, Eliminate Dust
<b>REVISION NOTES</b>	None

### SECTION 2 - INGREDIENTS

	Chemical Name	%	CAS Number
1.	Complex mixture of severely hydrotreated, branched alkanes and alkylated saturated ring compounds	Trade secret	Non-hazardous
2.	Proprietary ingredients	Trade secret	Non-hazardous

### SECTION 3 – HAZARD IDENTIFICATION

#### ROUTES OF EXPOSURE

Skin, inhalation  
 Mist 8 hour ACGIH TLV: TWA 5mg/m<sup>3</sup>  
 This product may cause irritation to the eyes, nose, throat, lungs and skin after prolonged or repeated exposure.

#### CARCINOGENS UNDER OSHA, ACGIH, NTP, IARC

None of the components present in this material at concentrations equal to or greater than 0.1% are listed by IARC, NTP, OSHA, or ACGIH as a carcinogen.

### SECTION 4 - FIRST AID

#### EYE CONTACT

Flush eyes with flowing water and continue flushing until irritation subsides. If irritation persists, seek medical attention.

#### SKIN CONTACT

Remove contaminated clothing. Wash affected area with soap and water. If redness or irritation occurs, seek medical attention.

#### INHALATION

This material has a low vapor pressure and is not expected to present an inhalation exposure at ambient conditions. If vapor or mist is generated when the material is heated or handled, move subject to fresh air. If breathing has stopped or is irregular, administer artificial respiration and supply oxygen if it is available. If subject is unconscious, remove to fresh air and seek immediate medical attention.

#### INGESTION

Do not induce vomiting due to aspiration hazard. Seek immediate medical attention.



## SECTION 5 - FIRE AND EXPLOSION DATA

<b>FLASH POINT</b>	>300° F (>149° C)
<b>TEST METHOD</b>	ASTM D-93 (PMCC)
<b>FLAMMABLE LIMITS IN AIR</b>	No Data Available
<b>AUTOIGNITION TEMPERATURE</b>	No Data Available
<b>EXTINGUISHING MEDIA</b>	

Use dry chemical, foam, or carbon dioxide.

### SPECIAL FIRE FIGHTING PROCEDURES

Water may be ineffective but can be used to cool containers exposed to heat or flame.

### UNUSUAL FIRE AND EXPLOSION HAZARDS

Dense smoke may be generated while burning. Carbon monoxide, carbon dioxide, and other oxides may be generated as products of combustion.

## SECTION 6 - ACCIDENTAL RELEASE MEASURES

### CONTAINMENT TECHNIQUES

Remove all sources of ignition. Stop the leak, if possible.

### CLEAN-UP PROCEDURES

Wear suitable protective equipment. Contain spill immediately. Do not allow spill to enter sewers or open bodies of water. Absorb with inert absorbent materials. Large spills may be picked up using vacuum pumps, shovels, buckets, or other means and place in drums or other suitable containers.

## SECTION 7 - HANDLING AND STORAGE

### STORAGE

Do not transfer to unmarked containers. Store in a cool, well ventilated area in closed containers away from heat, sparks, open flame or oxidizing materials.

### HANDLING

Avoid breathing vapors or mist. Avoid contact with eyes. Avoid prolonged or repeated contact with skin. Wash thoroughly after handling. Wash clothing prior to reuse. May be slippery when spilled.

## SECTION 8 - PERSONAL PROTECTION / EXPOSURE CONTROLS

### EXPOSURE LIMITS AND GUIDELINES

This product does not contain any components with OSHA or ACGIH exposure limits.

If mist is generated, exposure limits apply.

OSHA PEL: TWA 5 mg/m<sup>3</sup>

ACGIH TLV: TWA 5 mg/m<sup>3</sup>; STEL 10 mg/m<sup>3</sup>

### EYE PROTECTION

Eye protection is not required under conditions of normal use. If material is handled such that it could be splashed into eyes, wear splash-proof safety goggles.

### SKIN PROTECTION

No skin protection is required for single, short duration exposures. For prolonged or repeated exposures, use impervious synthetic rubber (boots, gloves, aprons, etc.) over parts of the body subject to exposure (Nitrile recommended). Launder soiled cloths.

### RESPIRATORY PROTECTION

Not required under normal conditions in a well-ventilated workplace. An organic vapor respirator National Institute for Occupational Safety and Health (NIOSH) approved for organic vapors is recommended where necessary to maintain exposure below the exposure limits.

### ENGINEERING CONTROLS

If vapor or mist is generated when the material is heated or handled, adequate ventilation in accordance with good engineering practice must be provided to maintain concentrations below the specified exposure or flammable limits.

### WORK AND HYGIENIC PRACTICES

Always wash hands and face with soap and water before eating, drinking, or smoking.

## SECTION 9 - TYPICAL PHYSICAL AND CHEMICAL PROPERTIES

<b>PHYSICAL FORM</b>	Bright clear viscous liquid
<b>COLOR</b>	None, Colorless
<b>ODOR</b>	None, Odorless
<b>pH</b>	N/A, Not an aqueous solution
<b>VAPOR PRESSURE</b>	<1 (mm Hg)
<b>VAPOR DENSITY (Air = 1)</b>	>1
<b>BOILING POINT</b>	>500° F (>260° C)
<b>MELTING POINT</b>	No Data Available
<b>SOLUBILITY IN WATER</b>	Insoluble in water



**SPECIFIC GRAVITY (Water = 1)** 0.845 - 0.865  
**POUR POINT** -5° F (-15° C)

**SECTION 10 - STABILITY AND REACTIVITY**

**CHEMICAL STABILITY**

Stable.

**CONDITIONS TO AVOID**

Heat, sparks, flame.

**INCOMPATIBILITY (Materials to Avoid)**

May react with strong oxidizing agents.

**HAZARDOUS DECOMPOSITION PRODUCTS**

Carbon monoxide, carbon dioxide, and other oxides may be generated as products of combustion.

**HAZARDOUS POLYMERIZATION**

Will not occur

**SECTION 11 - TOXICOLOGICAL PROPERTIES**

**ACUTE ORAL TOXICITY (LD50, RAT)**

No Data

**ACUTE DERMAL TOXICITY (LD50, RABBIT)**

No Data

**ACUTE INHALATION TOXICITY (LC50, RAT)**

No Data

**OTHER ACUTE EFFECTS**

No Data

**IRRITATION EFFECTS DATA**

No Data

**CHRONIC/SUBCHRONIC DATA**

No Data

**SECTION 12 - ECOLOGICAL INFORMATION**

No Data Available

**SECTION 13 - DISPOSAL CONSIDERATIONS**

**REGULATORY INFORMATION**

All disposals must comply with federal, state and local regulations. The material, if spilled or discarded, may be a regulated waste. Refer to state and local regulations. Department of Transportation (DOT) regulations may apply for transporting this material when spilled.

**WASTE DISPOSAL METHODS**

Waste materials may be landfilled or incinerated at an approved facility. Materials should be recycled if possible.

**SECTION 14 - TRANSPORT INFORMATION**

**U.S. DEPARTMENT OF TRANSPORTATION (DOT)**

DOT NON-BULK SHIPPING NAME Not Regulated

DOT BULK SHIPPING NAME Not Regulated

**INTERNATIONAL INFORMATION**

VESSEL (IMO) SHIPPING DATA Not Regulated

AIR (ICAO/IATA) SHIPPING DATA Not Regulated

**SECTION 15 - REGULATORY INFORMATION**

**US FEDERAL REGULATIONS**

**TOXIC SUBSTANCE CONTROL ACT (TSCA) 12(b) COMPONENT(S)**

None

**OSHA Hazard Communication Standard (29CFR1910.1200) hazard class(es)**

None

**EPA SARA Title III Section 312 (40CFR370) hazard class**

None

**EPA SARA Title III Section 313 (40CFR372) toxic chemicals above "de minimis" level are**

None

**CANADIAN REGULATIONS**

This product is not a controlled product under the Canadian Workplace Hazardous Materials Information System (WHMIS).

**SECTION 16 – OTHER INFORMATION**

The data in this Material Safety Data Sheet relates only to the specific material designated herein and does not relate to use in combination with any other material or in any process.