



SOILWORKS, LLC
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DURASOIL®
 SYNTHETIC ORGANIC
 Dust Control Agent

MATERIAL SAFETY DATA SHEET

SECTION 1 - MATERIAL IDENTIFICATION

PRODUCT NAME DURASOIL*
 *DURASOIL is a registered trademark of Soilworks, LLC.

MANUFACTURER Soilworks, LLC.
 681 North Monterey Street, Suite 101
 Gilbert, Arizona 85233-8318 USA
 www.soilworks.com
 800-545-5420

TELEPHONE NUMBER 800-545-5420
ONLINE INFORMATION www.Soilworks.com
EMERGENCY TELEPHONE NUMBERS 800-545-5420 (National & International)
REVISION DATE August 2004

EXHIBIT 12 DATE 4-9-08
 JENNIFER HANSEN, NPP
 CERTIFIED REPORTER #20105
 DEPO OF D. Falkner

Dockets:Justia.com

EMERGENCY OVERVIEW

PHYSICAL FORM Bright clear viscous liquid
COLOR Colorless
ODOR Odorless
HAZARDS This material is NOT HAZARDOUS according to the OSHA Hazard Communication Standard, 29 CFR 1910.1200.
C.A.S. CHEMICAL NAME Product a blend. No number assigned
CHEMICAL NAME Synthetic Organic Dust Control Agent
SYNONYMS Dust Palliative, Dust Retardant, Dust Suppressant, Dust Control Material, Dust Inhibitor
CHEMICAL FAMILY N/A
EMPIRICAL FORMULA Mixture
INTENDED USE Control Dust, Retard Dust, Suppress Dust, Inhibit Dust
REVISION NOTES 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/m³
 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

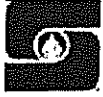
EYE CONTACT
 Flush eyes with flowing water and continue flushing until irritation subsides. If irritation persists, seek medical attention.

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

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

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

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/m³

ACGIH TLV: TWA 5 mg/m³; STEL 10 mg/m³

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

PHYSICAL FORM	Bright clear viscous liquid
COLOR	None, Colorless
ODOR	None, Odorless
pH	N/A, Not an aqueous solution
VAPOR PRESSURE	<1 (mm Hg)
VAPOR DENSITY (Air = 1)	>1
BOILING POINT	>500° F (>260° C)
MELTING POINT	No Data Available
SOLUBILITY IN WATER	Insoluble in water
SPECIFIC GRAVITY (Water = 1)	0.845 - 0.865
POUR POINT	-5° F (-15° C)



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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.

