



CITY OF PACIFICA  
PARKS, BEACHES AND RECREATION COMMISSION  
AGENDA SUMMARY REPORT  
December 4, 2013

**SUBJECT:**

Poet Laureate Appointment

**BACKGROUND:**

At a City Council meeting in May, the selection of a new poet laureate was discussed. Council directed the Parks, Beaches and Recreation Commission to handle the selection process.

A poet laureate is a poet who acts as an ambassador and advocate for poetry, literature and the arts. They are usually expected to contribute to the agency's poetry and literary legacy by composing and reading poems at (civic) events and occasions.

At the July 24, 2013 regular Commission meeting, Commissioners Urie, Tabor and Abbott volunteered and were appointed to serve on a subcommittee for the purpose of establishing a selection process for choosing Pacifica's next poet laureate.

The subcommittee met to discuss creating a process for selecting a poet laureate. At that time, San Mateo County was in the process of selecting a poet laureate and the subcommittee used the County's application as a guideline to create one for Pacifica.

At the August 28, 2013 PB&R Commission meeting, the subcommittee brought forth recommendations to the Commission regarding the make-up of the selection committee, the application and the timing of the selection process. The Commission voted to approve the subcommittee's poet laureate application selection process and directed staff to move forward.

**Eligibility Requirements for the Poet Laureate**

- The Poet Laureate will be available to serve a 3-year term.
- The Poet Laureate will be a Pacifica resident who has been recognized for poetry and literary contributions.
- The Poet Laureate will have demonstrated a commitment to and passion for poetry and embrace the opportunity to engage in community service to make poetry more accessible and available.
- The Poet Laureate must have a willingness to serve as an ambassador for Pacifica and to engage the citizens of Pacifica in poetry at public events such as readings, workshops, visiting schools, etc.

**Responsibilities of the San Mateo County Poet Laureate**

The Poet Laureate will represent Pacifica and the art of poetry through outreach activities related to poetry.

- The Poet Laureate will present appropriate works at a minimum of four selected City-sponsored events during each year.
- The Poet Laureate will write at least one commemorative poem about Pacifica over the course of their tenure

- The Poet Laureate will open the Pacifica City Council meetings with a poem once each year.

### **DISCUSSION**

Poet laureate applications were made available to the public from September 23 through October 23, 2013. Three applications were received. A few weeks before interviews were scheduled; one of the candidates withdrew their name from consideration, leaving two.

These two candidates were interviewed by the selection committee on December 2, 2013. The committee came to an agreement on a candidate and made that recommendation to the PB&R poet laureate subcommittee. The subcommittee has selected Dorsetta Hale as their nominee for the position of poet laureate for Pacifica.

Dorsetta has lived in Pacifica for over 20 years. She has had her essays and poetry published in the San Jose Mercury News, San Mateo County Times and the San Francisco Chronicle. She is also a columnist for the Pacifica Tribune. She has authored a book of essays as well as a chapbook for which she was awarded a grant from the Philanthropic Ventures Foundation. Dorsetta is a Barnes & Noble poetry award winner, Southern California Genealogy Society Essay Writing Contest Winner and was named "Humor Writer of the Month by University of Drayton, Erma Bombeck Writers Workshop.

Dorsetta has held a position on the Airport Noise Abatement Committee in Pacifica, volunteered at Pacific Manor, Sharp Park, Pacific Heights, Oceana and Terra Nova schools while her children attended. She is also currently a volunteer with CORA (Community Overcoming Relationship Abuse).

### **COMMISSION ACTION REQUESTED**

Appoint Dorsetta Hale as Pacifica's Poet Laureate



CITY OF PACIFICA  
PARKS, BEACHES AND RECREATION COMMISSION  
AGENDA SUMMARY REPORT  
December 4, 2013

**SUBJECT:**

Sanchez Dog Park Update

**BACKGROUND/DISCUSSION**

Since the dog park has opened, the PR&R Commission has held several meetings and study sessions to discuss various topics and issues relating to the park.

At the April 17, 2013 meeting, Commissioners recommended that, in addition to being closed on Tuesday, that the park also be closed on Sundays. It was also recommended that the closure be revisited at six months. Sunday closures began on May 12<sup>th</sup>.

The Commission revisited the park hours at the October 30, 2013 meeting and voted to continue the hours which included the Sunday closure.

The current dog park hours are:

Mon, Wed, Thurs, Fri 10 AM to 8 PM or until sunset, whichever comes first  
Sat 10 AM to 5 PM  
Closed on Sunday and Tuesday

The commission also requested a study session to further discuss issues that have come up as well as the status of mitigation measures.

A study session regarding the dog park was held on November 20, 2013. In attendance along with the Commissioners were PB&R Director Perez and Public Works Field Service Manager Ray Biagini, dog park neighbors Stephanie Poloni and Jeff Tiedje and Sanchez Tenants from Stephen Johnson Photography, Stephen Johnson and Fiona McDonnell.

Several topics were discussed including:

Signage at the Property – At the study session several issues relating to signage at the park were brought up. Some folks felt that there needed to be signs put up in order to keep cars from speeding, such as 5MPH, or “slow down,” etc. There was also discussion about the “curb and leash your dog” signs. It was brought up that this was not clear enough to get the message across that dogs must be leashed in the non-dog park areas of the property, such as the sports field. Commissioners were encouraged to take a visit to the site to see the signage for themselves and discuss at this meeting.

Gate/entrance relocation – It is thought that if the two entrances (large dog and small dogs) were separated and that neither was adjacent to the other side of the park, that this could possibility eliminate some of the dog barking. Dogs will rush the entrance when they see other dogs and bark at them.

Field Services Manger Biagini brought a proposal from Northern California Fence Co. to move the large dog entrance, making it twice as large, to the north. The bid was for \$2,200. After discussion, it was thought that moving both entrances would be more effective and that it was not necessary to make the entrance any larger than the existing one. Staff has contacted the vendor to get a follow up bid on two entrances, both the size of the existing one. While staff has not received it, it is estimated that it would cost between \$2,500 and \$3,000.

Fence Covering – Covering the fencing with material has been considered another way to help to decrease instances of dogs barking as other dogs approach the park as well as dogs barking at each other between the two park sections. Slats have been considered to cover the middle section and the west side of the large dog park area. Slats would cost approximately \$1,354 for the middle section and \$2,628 for the large dog area for a total of \$3,982. As the fence was not originally designed to have slats, these would be added on and will show a small gap between slats.

Staff has investigated two alternative products that may be used to cover the dog park fence. The first one is Coroplast. This is sign material that is typically used with “lawn signs” such as election signs. It would be attached to the fence and could be bought in varying sizes and/or cut to a specific measurement. The cost to do both the middle and west side of the large dog park would be \$935. If it was desired, the sign company that supplies this material could print messages on it, which would increase the cost to \$1,582. Staff is concerned about this material holding up.

A second option would be banner material. The material could be purchased in sections (8 or 10 feet long) and attached with zip ties. To cover both areas discussed above, the price of banner material would be \$1,518. If printing on the banners was desired, and how many areas would have printing, the price would increase to slightly over \$3,500.

It was thought that there would be potential for advertising if businesses or organizations were allowed to purchase space on the signs. However, a policy regarding the logistics of advertising at the park would need to be discussed.

Dust mitigation – Irrigation for the park had been discussed as a way to mitigate the dust. Staff had received one bid for \$4,233.85. It has been difficult to receive any other bids for a variety of reasons. Many landscape vendors do not meet the City’s requirements for prevailing wage. Others had come out, and then turned down the job. The process was also put on hold at various times during discussions by the City, the neighbors and the Commission. There was concern by many people involved about the cost of water and maintenance of the system.

Staff presented information on a product called Durasoil. Durasoil is a dust control agent that is an ultra-pure, synthetic organic fluid for dust control and formulated to meet the highest standards of environment efficacy. It is used to control dust in a variety of settings, including: military trails, equestrian arenas, construction sites, sports fields, airport infields, orchards & vineyards, event parking lots and unpaved driveways. The price of the product based on the size of the dog park was reported to be a little over \$5,200. A new bid from the company 2 weeks ago is now estimated at \$6,750. Staff is looking for other companies that may offer a similarly effective product at a competitive price. Bearing in mind that winter is now starting, waiting to apply a dust control agent until after the rainy season should be taken into consideration.

Mitigation options summary

Gate relocation	\$2,500-\$3,000
Fence covering options	
Slats	\$3,982
Banner material (non-print)	\$1,518
Coroplast (non-print)	\$935
Dust Mitigation options	
Irrigation system installation	\$4,235
Durasoil dust control	\$6,750

The Pacifica Organization of Canine Helpers (POOCH) reported to staff that they would be dissolving. POOCH also reported that they intended to donate the remainder of their fundraising efforts to the City with the intention the money be used for the dog park. These funds are expected to exceed \$9,000.

**ATTACHMENTS**

Durasoil Information

**FISCAL IMPACT**

Depending on which mitigation options are chosen, the amount could range from between \$5,100 and \$13,732. The \$9,000 plus donation from POOCH will be used to offset this cost.

**COMMISSION ACTION REQUESTED**

Discussion and recommendation regarding the mitigation options.

# Synthetic Organic fluid for Dust Control **DURASOIL®**

## Letter of Introduction

Soilworks®, LLC is the innovator and manufacturer of Durasoil® dust control agent. Durasoil® is a revolutionary state-of-the-art innovation; engineered for today's challenging dust control needs. This ultra-pure, synthetic organic fluid for dust control is formulated to meet the highest standards of environmental efficacy.

Durasoil® is distinctively crystal clear, odorless and is applied neat and simple, without the need for water dilution. This technologically advanced fluid does not cure, allowing for immediate use upon its application. Furthermore, Durasoil® has the unique ability to be reworked and still maintain its dust controlling properties. Any equipment capable of spraying water can safely be used to apply Durasoil®, without any mess or damage to the equipment. Even in freezing conditions, Durasoil® can still be applied when water soluble products cannot. Durasoil® can be applied to any soil or aggregate and effectively suppress dust all year round.

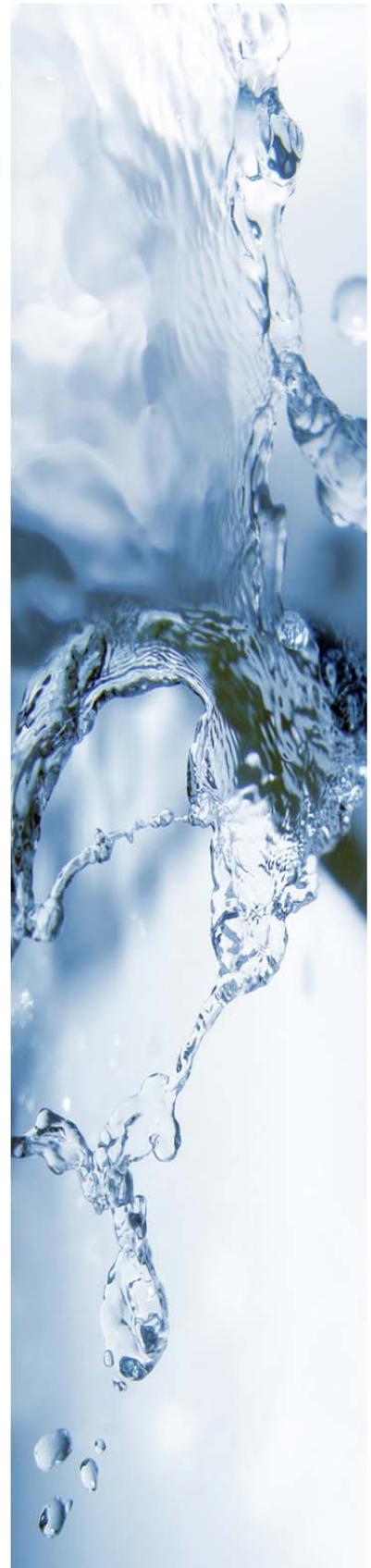
Durasoil® has been rigorously evaluated and its performance verified by the U.S. Army Engineering Research and Development Center (ERDC) against the industry's traditional top performing dust control agents. As a result, the Department of Defense continues to recommend and award Soilworks® with contracts to supply all branches of the Armed Forces globally, including operations in Iraq and Afghanistan. Its success with the US Military and the United Nations has led to Soilworks® GSA contract (# GS-07F-5364P) and a complete listing of National Stock Numbers for the U.S. Department of Defense warehouses.

Soilworks® is dedicated to economically solving dust control challenges throughout the world's commercial, industrial and military markets. For more information about Durasoil®, please visit us online at [www.soilworks.com](http://www.soilworks.com) or call 1-800-545-5420.

Respectfully,



Chad Falkenberg  
President/Founder



# DURASOIL®

## Dust Control Application & Use Examples



**Unpaved Dirt Roads**  
 Unpaved Road Dust Control  
 Gravel Road Dust Control  
 Dirt Road Dust Control



**Military Tank Trails**  
 Tank Trail Dust Control  
 Inhibit Dust on Trails  
 Reduce Dust Emissions



**Heavy Haul Roads**  
 Haul Road Dust Stabilizer  
 Eliminate Dust Hazards  
 Improve Rolling Resistance



**Equestrian Arenas**  
 Horse Arena Dust Control  
 All-Season Dust Prevention  
 Reworkable Dust Stabilizer



**Intermodal Yards**  
 Yard Dust Suppression  
 Eliminate Dust Generation  
 Agglomerating Dust Particles



**Unpaved Driveways**  
 Driveway Dust Control  
 Suppress Driveway Dust  
 Reduce Dust Nuisance



**Aircraft Runways**  
 Runway Dust Control  
 FOD Control Safety  
 Runway Dust Compound



**Helipads & FARPs**  
 Helipad Dust Control  
 Helicopter Brownout Control  
 Stop Hazardous Dust



**Airport Taxiways**  
 Airfield Dust Control  
 Airport Dust Suppressant  
 Airstrip Dust Proofing



**Construction Sites**  
 Reduce Construction Dust  
 Comply with Dust Permit  
 Eliminate Dust Fines



**Forestry Roads**  
 Road Dust Control Material  
 Road Dust Control Product  
 Road Dust Control System



**Agricultural Roads**  
 Farming Road Dust Control  
 Water Conserving Palliative  
 Agricultural Dust Control



**Mine Tailings**  
 Mine Tailings Dust Control  
 Tailings Dust Remediation  
 Help Prevent Dust Storms



**Land Development**  
 Fugitive Dust Abatement  
 Stay in Dust Regulations  
 Eliminates Dust Violations



**Power Plants**  
 Coal Dust Suppression  
 Fly Ash Dust Retardant  
 PM10 Dust Compliance



**Border Patrol Roads**  
 Avoid Dust Exposure  
 Stabilize Dust on Roads  
 Road Dust Compound



**Orchards & Vineyards**  
 Vineyard Dust Preventative  
 Eliminate Dust Particulates  
 Effective Dust Palliative



**Construction Parking**  
 Eliminate Dust Complaints  
 Construction Dust Control  
 Parking Lot Dust Solution



**Event Parking Lots**  
 Parking Lot Dust Inhibitor  
 Prevent Dust Pollution  
 Avoiding Dust Hazards



**Road Shoulders**  
 Stop Dusty Road Shoulders  
 Eliminate Highway Dust  
 Reduce Roadway Dust



**Sports Fields**  
 Field Dust Stabilization  
 Ground Dust Treatment  
 Controlling Dust on Fields



**Military Operations**  
 Expeditionary Dust Control  
 Suppressing Dust on Roads  
 Intense-Use Dust Product



**Defense Compounds**  
 Suppress Desert Dust  
 FOB Dust Containment  
 Sand Dust Preventative



**Military Training Sites**  
 DoD FARP Dust Control  
 Chemical Dust Stabilization  
 Remote Dust Remediation



**Airport Infields**  
 Infield Dust Mitigation  
 Infield Dust Suppressor  
 Infield Dust Stabilization



**Soilworks, LLC®**

1750 E. Northrop Blvd., Ste. 250, Chandler, AZ 85286  
T: 800-545-5420 O: 480-545-5454 F: 480-545-5456  
[www.Soilworks.com](http://www.Soilworks.com) [Info@Soilworks.com](mailto:Info@Soilworks.com)  
Specializing in Soil Stabilization & Dust Control

Global Manufacturer & Distributor of  
**Soil tac® / powdered soil tac®**  
**Durasoil® and Gorilla-snot®**

## **DURASOIL®**

### Unique Product Advantages

	Colorless Crystal Clear Fluid
	Non-Hazardous and Non-Toxic
	Simple, Neat and Easy to Apply
	Non-Flammable & Non-Volatile
	Non-Slippery & Safe to Drive on once penetrated
	Oil-Sheen Free
	Non-Dissipating
	No Curing for Immediate Results
	Non-Regulated for Transportation (Land/Ocean/Air)
	Non-Tracking & Non-Transferable once penetrated
	Ecologically & Environmentally Safe
	Cumulative Effect with Maintenance
	Self-Penetrating & Wetting Properties
	Non-Corrosive & Safe for All Equipment
	Carboxylic Acid & Fatty Acid Free
	Polyolefin Free
	Completely Odorless
	Effective Indoors and Outdoors
	Can be applied in Freezing Conditions
	Human, Animal, Marine Life and Vegetation Safe
	Actively Reworkable and Self-Healing Performance
	Ultraviolet Ray Resistant
	100% Ultra-Pure Active Ingredients (No Diluting & No Mixing)
	PM <sub>10</sub> & PM <sub>2.5</sub> Compliant (Stops dust particles of 2.5+ microns in size)



## **DURASOIL®**

### Frequently Asked Questions

<b>Mechanism</b>	Durasoil® controls dust <u>without</u> creating a crust by agglomerating (not bonding or adhering) fine particles together.
<b>Prices</b>	Current Durasoil® prices are available upon request.
<b>DOD NSN#s</b>	Dept. of Defense National Stock Number 6850-01-542-5354 (275-gal. Totes). Dept. of Defense National Stock Number : 6850-01-542-3715 (55-gal. Drums)
<b>GSA Schedule</b>	Durasoil® is available for wholesale through our Federal GSA contract (#GS07F5364P).
<b>Payment Terms</b>	Prepaid or Net 30 Days upon approved credit.
<b>Payment Method</b>	Cash, Check, Visa, MSTC, AMEX, Letter of Credit, Govt. Cards & Wire Transfer.
<b>Bids / Proposals</b>	Formal bids and proposals are available upon request.
<b>Minimum Order</b>	5 gallons square poly pail (one liter test samples are available).
<b>Availability</b>	Normally 40,000+ gallons (150,000 liters) are stocked and available.
<b>Turn-Around</b>	< 48 hours after order is placed and sales terms fulfilled.
<b>Large Volumes</b>	Short turn-around for single order shipments of 100,000+ gallons (400,000+ liters).
<b>Production Limits</b>	None. Durasoil® can be manufactured rapidly in unlimited volumes.
<b>By-Products</b>	Unlike traditional Dust Control Products, Durasoil® is <u>not</u> a by-product or off-grade.
<b>Cure Time</b>	None. Durasoil® does not cure.
<b>Penetration Depth</b>	1/8 <sup>th</sup> to 6" deep for topical applications. Primarily determined by application rate.
<b>Cold Weather</b>	Does not affect the product performance.
<b>Freezing</b>	Product is stable and can still applied at 5°F (-15°C).
<b>Shipping</b>	National & International. Non-Hazardous and Non-Regulated.
<b>Guarantee</b>	Soilworks® guarantees that each batch of Durasoil® meets the stated specifications.
<b>Normal Life Span</b>	Indefinitely with maintenance. Typically, 9-16 months prior to first maintenance coat.
<b>Shelf Life</b>	Unlimited.
<b>Maintenance</b>	Approximately 30% the original volume used after the first 9-16 months. Cumulative.
<b>Soil Type</b>	Any.
<b>Dilution</b>	Durasoil® is not water soluble and does NOT require water for diluting. It is applied pure.
<b>Rain / Precipitation</b>	Durasoil® is NOT water soluble.
<b>Cleaning</b>	Simply use soap and water.
<b>Performance Factors</b>	Application rate, soil type, compaction, traffic, penetration, climate & others.
<b>Harmonized Code</b>	The International Tariff Code for Durasoil® is 2710.19.90.00.



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[www.Soilworks.com](http://www.Soilworks.com) [Info@Soilworks.com](mailto:Info@Soilworks.com)  
Specializing in Soil Stabilization & Dust Control

Global Manufacturer & Distributor of  
**Soil tac® / powdered soil tac®**  
**Durasoil®** and **Gorilla-snot®**

## **DURASOIL®**

### Dust Control Application Equipment Examples



Highway Accessible  
Water Trucks



All Wheel Drive  
Water Trucks



Water Wagons  
"Water Pulls"



Large Capacity  
Mining Water Trucks



Computerized Rate  
Control Distributor Trucks



Flat Bed Trucks with  
Tanks & Pumps



Heavy Expanded Mobility  
Tactical Truck Tankers



Agricultural Tractors with  
Towable Spray Bars



Truck Mounted  
Hydroseeders



Trailer Mounted  
Hydroseeders



Standard Single Axle  
Water Trucks



Pick-up Trucks with  
IBC Tote & Pumps



Standard Hose & Pump  
Hand Spraying



Towable Spray Tanks  
"Water Buffalo"



Military "DAV"  
(Dust Abatement Vehicle)



Truckbed Water Tanks  
"Skid Sprayers"



ATV Tank Sprayers



Backpack Sprayers



Watering Cans



Spray Bottle

***Anything capable of spraying water can be used to apply Durasoil®.***



## **DURASOIL®**

### General Application Overview

#### 1.) Prepare the Site

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**Soil Moisture:** The soil must be below its optimum moisture level (dry is optimal) until fully penetrated.

**Weather:** Temperature must be above the stated pour point of Durasoil® 5° F (-15° C).

**Compaction:** A level of 95% compaction is optimal but not required (per ASTM D 698 D 1557).

**Drainage:** Contouring or crowning the site to provide for proper drainage is optimal but not required.

**Loose Aggregate:** Removal of loose aggregate from the treatment area is optimal but not required.

**Organic Material:** Removal of organic material (eq. wood chips) is optimal but not necessary. Organic material may increase the required volume of Durasoil® due to absorption.

**Pre-Wetting:** Is not recommended.

#### 2.) Prepare Application Equipment

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**Spray Nozzles:** Set spray nozzles to the desired width, height and output rate. Test equipment (off-site) if necessary.

**Coverage:** The spray nozzles should provide an even coat over the treatment area with each pass.

**Spray Rate:** Set the spray rate high enough to allow even coverage and low enough to prevent material runoff or overspray.

#### 3.) Prepare the Durasoil®

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**Water:** None required. Durasoil® is water insoluble and is applied "as is".

**Durasoil®:** Fill the application equipment with the recommended volume of Durasoil®.

#### 4.) Apply the Durasoil®

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**Multiple Coats:** Multiple coats are unnecessary except to prevent runoff. Durasoil® may be applied in a single coat depending on the permeability of the surfaces.

#### 5.) Clean the Application Equipment

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**Rinse:** Rinse off all application equipment thoroughly with water until clean. Soap is optional.

#### 6.) Finish

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**Traffic:** Vehicle and human activity can resume immediately following the application of Durasoil®.

**Penetration:** Ensure full penetration prior to exposure to water to prevent floating the Durasoil®.

**Curing:** Durasoil® is a continuously re-workable fluid and does not cure.

## DURASOIL®

### Standard Container & Shipping Options

Image	Description	Maximum Volume*	Dimensions (LxWxH)*	Weight (gross)*
	Poly Drums <b>NSN: 6850-01-542-3715</b>	55 gallons 208 liters	24"x24"x36" 61x61x91cm	450 lbs 204 kg
	IBC Totes (Steel Cage & Poly) <b>NSN: 6850-01-542-5354</b>	275 gallons 1,041 liters	40"x48"x46" 101x121x117cm	2,120 lbs 962 kg
	Bulk Tankers <i>(U.S. Only)</i>	6,500 gallons 24,605 liters	Variable	46,800 lbs 21,228 kg
	53' Box Vans with 80 <b>Poly Drums</b>	4,400 gallons 16,656 liters	Variable	32,880 lbs 14,914 kg
	53' Box Vans with 20 <b>IBC Totes</b>	4,675 gallons 17,697 liters	Variable	42,400 lbs 19,232 kg
	48' Flatbeds with 96 <b>Poly Drums</b> 24 <b>Pallets</b>	5,280 gallons 19,987 liters	Variable	44,640 lbs 20,249 kg
	48' Flatbeds with 22 <b>IBC Totes</b>	6,050 gallons 22,902 liters	Variable	46,640 lbs 21,155 kg
	20' Ocean Containers with 16 <b>IBC Totes</b>	4,400 gallons 18,738 liters	Variable	33,920 lbs 15,386 kg
	Railcars	23,000 gallons 87,064 liters	Variable	180,000 lbs net
	Jumbo Railcars	25,500 gallons 96,528 liters	Variable	183,600 lbs net

\*Specifications are approximate.

# 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. 1750 East Northrop Blvd., Suite 250 Chandler, Arizona 85286-1747 USA <a href="http://www.soilworks.com">www.soilworks.com</a>
<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

	<b>Chemical Name</b>	<b>%</b>	<b>CAS Number</b>
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)

**FLAMMABLE LIMITS IN AIR**  
**AUTOIGNITION TEMPERATURE**  
**EXTINGUISHING MEDIA**

No Data Available  
 No Data Available

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
<b>SPECIFIC GRAVITY (Water = 1)</b>	0.845 - 0.865
<b>POUR POINT</b>	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

#### HMIS and NFPA Classification

Health : 1  
Flammability : 0  
Reactivity : 0  
Special Hazard : 0

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.