

# Earth Armour®: Technical Sheet

Dust  
Control

## PRODUCT DESCRIPTION

Earth Armour is a colorless, odorless ultra-pure dust control fluid specially formulated for use in a variety of environmental situations. Earth Armour is 100% active, non-curing and does not require water for application. It is applied "as received" to roadway, runway or unpaved surfaces and will remain reworkable and continuously active in controlling dust. Earth Armour's chemistry facilitates self-wetting and penetrating which makes it non-tracking.

## PERFORMANCE

Earth Armour is environmentally sound and oil sheen free. Earth Armour will not harm aquatic or plant life. Earth Armour is not considered hazardous by OSHA or the US DOT

Earth Armour coats and weighs down soil or aggregate particles, preventing them from becoming airborne, thereby eliminating health risks and damage to equipment and vehicles.

Earth Armour is applied neat to roads, construction sites, helipads or gravel runways. Because Earth Armour requires no cure time, treated areas can be used immediately following application. The surface can be reworked time and time again and remain active.



## Typical Performance Data

### Test Description

### ASTM NO

### Product Name: Earth Armour

Composition		Hydro-treated branched alkanes and alkylated saturated ring structures
Odor		None
Color		Clear liquid
Specific Gravity (g/mL)		0.85 - 0.90
Density (Lb/Gal)	D 1298	7.09 - 7.51
pH	D 287	N/A, non-aqueous
Flash Point, COC, °F (°C)	D 92*	>390(>200)
Pour Point, °F (°C)	D 97	5 (-15)
Boiling Point , °F (°C)		>550 (>288)
Vapor Pressure (mmHg @ 200°C)		<1
Vapor Density (air = 1)		>1
Solubility in water		Insoluble in water
Saturates	D5186	>99 % ( weight)
Polyolefin free		Yes
Carboxylic acid free		Yes
Fatty acid free		Yes
Non-carcinogenic		Yes
Non-combustible		Yes
Non - corrosive		Yes
Non-flammable		Yes
Non-dissipating		Yes
Oil sheen free		Yes
Non-leaching		Yes
Non-toxic		Yes
Safe near vegetation		Yes
Non-volatile		Yes
UV resistant		Yes
PM 10 compliant		Yes
PM 2.5 compliant		Yes

\* ASTM D92 and ASTM D93 are both acceptable methods for determining flash point and results obtained from both are typically within a degree or two.

Midwest Industrial Supply, Inc.  
1101 3rd Street Southeast  
Canton, Ohio 44707  
www.midwestind.com

Tel 330.456.3121  
Fax 330.456.3247  
Toll Free 1.800.321.0699

T722 © 2010 Midwest Industrial Supply, Inc.

