

SYNTHETIC DUST CONTROL

PRODUCT DESCRIPTION

Earth Armour is a colorless, odorless ultra pure synthetic dust control liquid 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.

BENEFITS

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.

- + Polyolefin free
- + Carboxylic acid free
- + Fatty acid free
- + Polymer free
- + Non-carcinogenic
- + Non-combustible
- + Non - corrosive
- + Non-flammable
- + Non-dissipating
- + Oil sheen free
- + Non-leaching
- + Non-toxic
- + Safe near vegetation
- + Non-volatile
- + UV resistant
- + PM 10 compliant
- + PM 2.5 compliant

TYPICAL PERFORMANCE DATA

Test Description	ASTM NO	Product Name: Earth Armour
Composition	-	Hydrotreated branched alkanes and alkylated saturated ring structures
Odor	-	None
Color	-	Clear Liquid
Specific Gravity	D 1298	0.83-0.88
Density (lb/Gal)	D287	6.91-7.33
pH	-	N/A Not aqueous
Flash Point	D92*	>347°F (177°C)
Pour Point	D97	5°F (-15°C)
Boiling Point	-	>550°F (>288°C)
Vapor Pressure (mmHg @ 200C)	-	<1
Vapor Density (air=1)	-	>1
Solubility in water	-	Insoluble in water
Saturates	D5186	>99% (weight)

** 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.*