

11/14/2006 09:58 907-562-7003
JUN-12-2006(MON) 16:21 TAMSEH CONSTRUCTION

POLAR SUPPLY CO
(FAX) 1 907 373 3822

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06/12/2006 15:43 9872822262
JUN-12-06 MON 02:58 PM DOT AVIATION CONST.

KOKHANOK AIRPORT
FAX NO. 907 289 0871

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Attn: Chad
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ITEM P-167 DUST PALLIATIVE

DESCRIPTION

167-1.1 The scope of this work shall consist of furnishing all materials, equipment, and labor necessary to apply the specified dust control agent in accordance with the manufacturer's recommendations to the Graded Aggregate Surface Course (GASC) on the runway (including safety areas), taxiway and apron. The oxidation support area shall not be treated, which is defined as the full width of the Apron from Taxiway station 2+10.00 to 4+89.07.

MATERIALS

167-2.1 GENERAL. Material shall be a modified synthetic organic fluid dust control and stabilization product. The material shall be a durable, reworkable binder that does not dry or cure but is a continuously active suppressant.

Material shall meet the following requirements:

Material shall be non-corrosive, reworkable, and non-toxic.

Material shall not be a petroleum distillate or petroleum resin.

The product shall be a high viscosity synthetic iso-alkane designed for the control of fugitive particulates on unconsolidated surfaces.

The product must not auto-ignite or be combustible.

No known substances may be physically or chemically affected by contact with the product.

The product must not be an oxidizer, a classified waste material, a regulated material or a reportable product.

The product must have a cumulative effect on the surface to which it is applied.

The product must be capable of withstanding tracked vehicle traffic.

The product must be suitable for applications with no preliminary surface preparation necessary (i.e. an already compacted surface does not have to be ripped, graded, or otherwise disturbed prior to treatment) or integrating into the surface course material by reclaimer or blade mixing and compaction to specified density for stabilization of the surface course.

Product must conform to and have Boeing Specification B6-17487, Evaluation of Aircraft Maintenance Materials testing and acceptance. The product must be non-injurious to aircraft surfaces when used as a stabilizer / dust suppressant.

MINIMUM REQUIREMENTS

PROPERTY	TEST METHOD	REQUIREMENTS
Density @ 15°C	ASTM D1298	0.82 - 0.86 Kg/L
Flash Point, COC	ASTM D82	>140°C
Solubility in Water	---	Insoluble
Pour Point	ASTM D97	≤ 9°C

Cheval Airport
Airport Rehabilitation Phase II
Project 50026/AIP 3-02-0406-002-2005 P.167-1
Kokhanok Airport Resurfacing & Lighting
AIP 3-02-0406-002-2005 / 54849

Central Region Spec
(rev. 7/18/05)