



kansai paint

Kansai Paint Iranian

Technical Data Sheet: Ref: TDS-HPC-0001-V02

Date of issue: June 2017

www.kansaipaint.ir

A142-3006

HOT MELT ROAD MARKING PAINT (1 PACK)

GENERIC TYPE	Hot Melt Road Marking																		
DESCRIPTION	A142-3006 is a thermoplastic hydrocarbon resin based admixture of pigments aggregates and glass beads which melt at around 180 °c to form marking paint for laying on the roads - both bitumen and concrete.																		
RECOMMENDED USE	Markings for Road Safety and Traffic Control																		
FEATURE	<ul style="list-style-type: none">-High adhesion to concrete and asphalt-Excellent abrasion resistance-Excellent water and alkali resistance-Excellent whiteness with fluorescent shine																		
PHYSICAL PROPERTIES	<table><tr><td>Finish</td><td>Matt & Rough</td></tr><tr><td>Color</td><td>White, Yellow</td></tr><tr><td>Flow Resistance</td><td>> 25% as per AASHTOM 249</td></tr><tr><td>Material Consistency</td><td>Uniform powder passing through 2.8 mm sieve</td></tr><tr><td>Composition</td><td>Thermoplastic material homogeneously composed of aggregate, pigment, resins and reflectorizing glass beads</td></tr><tr><td>Recommended D.F.T.</td><td>2000-4000 microns</td></tr><tr><td>Consumption rate per Sq.Mtr</td><td>@ 5 kgs of powder & @ 250 gms of drop on glass beads Practical</td></tr><tr><td>Touch dry</td><td>5 min. at 20°C</td></tr><tr><td>Hard dry</td><td>30 min. at 20°C</td></tr></table>	Finish	Matt & Rough	Color	White, Yellow	Flow Resistance	> 25% as per AASHTOM 249	Material Consistency	Uniform powder passing through 2.8 mm sieve	Composition	Thermoplastic material homogeneously composed of aggregate, pigment, resins and reflectorizing glass beads	Recommended D.F.T.	2000-4000 microns	Consumption rate per Sq.Mtr	@ 5 kgs of powder & @ 250 gms of drop on glass beads Practical	Touch dry	5 min. at 20°C	Hard dry	30 min. at 20°C
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APPLICATION

Application method	Road Marking Spray machine
Surface temperature	10-45 °c
Mixing ratio	Single pack
Packaging	25 KG
Thinner/cleaner	Don't Need
Pot Life	N/A
Recoat interval	Indefinite
Aggregates	Quartz / Calcined flint
Glass Beads	Spherical glass beads complying BS 6088 Class A and B are used for excellent reflectivity to enhance day and night vision of marked lines.

APPLICATION PROCEDURE

Apply Hot Melt using a screed box with an applicator machine. Heat the material to 160 - 180°C the preheater with adequate agitation till the material becomes a homogenized liquid. The molten paint should be stirred from time to time and dispensed uniformly along the marked line followed by drop on beads which should be sprayed uniformly before the paint gets dried.

SAFETY PRECAUTIONS

Detail information is given on Material Safety Data Sheet (MSDS). Avoid inhalation of spray mist or vapor. Avoid skin and eye contact. Paint contacted with skin should be immediately removed with water and/or suitable cleanser. Eyes should be flushed with water and seek immediate medical attention. Since this product contains flammable solvents, keep away from sparks and open flames. Application and handling of this product should be in compliance with relevant national regulations.

STORAGE

Store in dry, cool condition and away from sources of heat and ignition. Containers must be kept tightly closed. Store conditions shall be in accordance with national regulations.

SURFACE PREPARATION

-Surface must be thoroughly dry and free from dust, rust, grease, oil, loose particles or earlier coating.
-Carry out all repair work like joint sealing, filling of cracks, cavities and crevices with appropriate Materials.

SHELF LIFE

12 months from date of production

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