

Final Products Datasheet (LMF-09-04)	  Alexandria Specialty Petroleum Products Company (ASPPC)	Version Number	1
		Release Date	01/12/2022
		Revision Number	0
		Revision Date	01/12/2022
		The chemical Laboratories and Research General Department	

Medium Curing Cutback Asphalt (ASPPC 105)

DESCRIPTION

ASPPC 105 is medium curing cutback asphalt (MC-3000), suitable for use in the construction and maintenance of pavements. Complies with the international standard specification ASTM D2027.

FEATURES

- Ideal for pavement and maintenance of roads.
- Easy to apply.
- High flash point.
- High adhesion and cohesion.
- Short curing time.
- Seal coat.
- Waterproofing the surfaces.
- Coat and bond loose mineral particles.

RECOMMENDED USES

- **ASPPC 105** is typically used in both pavement and maintenance of roads. It is used in pavement base and surface, with either dense or open graded aggregate, cold laid or mixed in place (road mix).
- **ASPPC 105** is used in patching, single and multiple surface treatments (chip seal) as well, as designated in ASTM D 2399.

SPECIFICATIONS

Physical Properties	Test Methods	Specs
Kinematic viscosity at 60°C, cSt	ASTM D 2170	3000-6000
Flash point, COC, °C	ASTM D 92	66 min
Water, %	ASTM D 95	0.2 max
Distillate test: (% Volume of total distillate to 360°C)		
Distillate to 260°C	ASTM D 402	15 max
Distillate to 316°C		15-75
Residue from distillation to 360°C, % (Volume by difference)		80 min
Tests on residue from distillation:		
Viscosity @ 60°C, Pa.s ^A	ASTM D4402	30-120
Ductility, 25°C, 5cm/min, cm, min	ASTM D113	100
Solubility in trichloroethylene, %wt, min	ASTM D2042	99.0

^A Instead of viscosity of the residue, the specifying agency, at its option, can specify penetration 100g: 5 s at 25°C of 120 to 250 dmm. However, in no case will both be required.

HEALTH & SAFETY:

- **ASPPC 105** is flammable.
- Workers should wear protective tools; such as gloves and goggles, during application.
- **ASPPC 105** must not be swallowing.
- If swallowed, CALL PHYSICIAN IMMEDIATELY.
- In case of eye contact, open eyelids wide and flush immediately with plenty of water for at least 15 minutes. Get medical advice.

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PRECAUTIONS:

- **ASPPC 105** contains volatile solvent and has a low flash point. Care must be taken to ensure that there is adequate ventilation in the working place.
- Fires and naked flames should be kept at a distance.
- Workers should wear protective masks, gloves and goggles during application.
- Working temperature of **ASPPC 105** is 105-143°C depending on the application type.

STORAGE:

- Store **ASPPC 105** in a dry and shaded area in original packing.
- The container should be kept covered while working in order to prevent the evaporation of solvent.
- Store **ASPPC 105** in clean tanks or drums free from any impurities, avoiding air contacts and direct sun light.
- Store **ASPPC 105** for two years in its original packaging.

PACKING

- **ASPPC 105** is supplied in bulk and/or 200-liter steel drums.

DISCLAIMER

This Product Data Sheet summarizes our best knowledge of the product, including how to use and apply the product based on the information available at the time. You should read this PDS carefully and consider the information in the context of how the product will be used, including in conjunction with any other product and the type of surfaces to, and the manner in which, the product will be applied. ASPPC co. does not accept any liability either directly or indirectly for any losses suffered in connection with the use or storage or application of the product whether or not in accordance with any advice, specification, recommendation or information given by it.