

### MAGNABOND 99

<b>Application</b>	Liquid antistrip for hot-mix asphalt pavements.
<b>Advantages</b>	<ul style="list-style-type: none"> <li>• <b>Heat Stability:</b> Magnabond 99 meets the heat stability test requirements of state highway testing laboratories.</li> <li>• <b>Easy Handling and Storage:</b> Magnabond 99 is a low viscosity liquid product with good low temperature handling properties.</li> </ul>
<b>Typical Dosage</b>	0.25-0.75% by weight of asphalt is recommended, which should be determined in laboratory mix design tests.
	Magnabond 99 is preferably added to the asphalt at the hot-mix plant by means of a specially designed injection system.
	Alternatively, the product can be incorporated into the asphalt by mechanical agitation, pump circulation of the storage tank, or by injection into the asphalt loading line followed by recirculation through the truck bypass system until properly mixed.

<b>Physical Properties</b>	Appearance at 25°C	Dark brown liquid				
	Pour point, °C	<4 (<40°F)				
	Flash point, °C	>200 (> 392°F)				
		10	20	30	40	°C
		50	68	86	104	°F
	Viscosity, mPa.s (cP)	540	240	130	70	
	Density, g/cc	1.01	1.00	0.99	0.98	
	Density, lbs./gal	8.44	8.34	8.26	8.18	

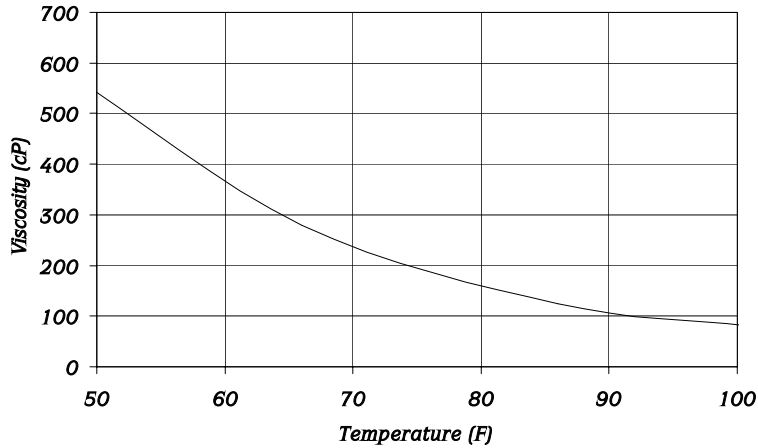
See reverse for additional data

<b>Storage and Handling</b>	Magnabond 99 may be stored in carbon steel tanks. Bulk stores need not be heated. Avoid heating above 65°C (150°F).
	Magnabond 99 contains amines and may cause severe irritation or burns to skin and eyes. Protective gloves and safety goggles must be used when handling this product. For further information, consult the Material Safety Data Sheet.

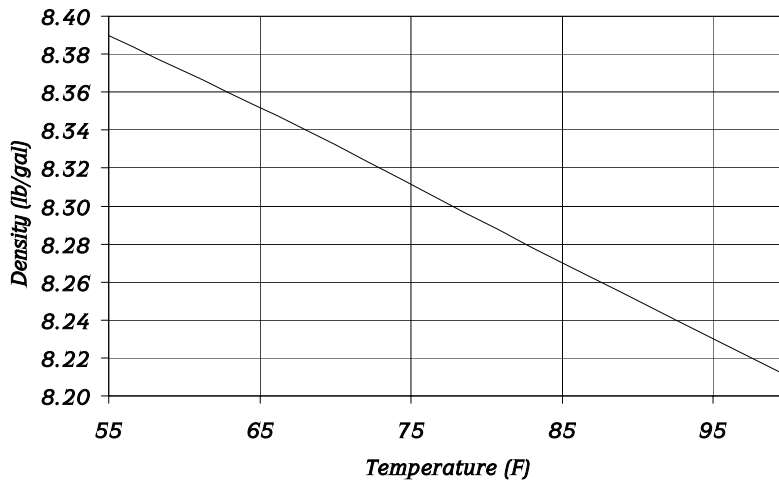
<b>Packaging Information</b>	Magnabond 99 is available in bulk shipments or in 55-gallon tight-head drums of 400 lbs. (181 kg.) net weight.
------------------------------	--

<b>Notes</b>	The Magnabond product range is available in Latin America only.
--------------	---

**Viscosity vs. Temperature**



**Density vs. Temperature**



All information concerning this product and/or suggestions for handling and use contained herein are offered in good faith and are believed to be reliable. Akzo Nobel Chemicals Inc., however, makes no warranty as to the accuracy and/or sufficiency of such information and/or suggestions, as to the product's merchantability or fitness for any particular purpose, or that any suggested use will not infringe any patent. Nothing contained herein shall be construed as granting or extending any license under any patent. Buyer must determine for himself, by preliminary tests or otherwise, the suitability of this product for his purposes. The information contained herein supersedes all previously issued bulletins on the subject matter covered.