

### KLING® BETA LV

**Application** Liquid adhesion promoter for cut backs, anionic emulsions and hot asphalt mixes. Antistrip for cold patching mixes.

**Advantages**

- *Active Adhesion:* Asphalt treated with Kling Beta LV has the ability to coat damp aggregates encountered in cold mixes.

**Typical Dosage-Emulsions** 0.25%-0.50% by weight of total emulsion.

Kling Beta LV can be added to the asphalt before emulsification or added to the soap solution. The product may also be post added to the emulsion but in this case caution should be exercised so as not to break the emulsion through vigorous mixing action.

**Typical Dosage-Hot Asphalt and Cutbacks** 0.25-1.5% based on asphalt

<b>Physical Properties</b>	Appearance at 25 °C	Brown liquid				
	Pour Point, °C	5 (<40°F)				
Flash Point, °C	>200 (>392°F)					
		10	20	30	40	°C
		50	68	86	104	°F
Viscosity, mPa.s (cP)		8000	2500	1300	500	
Density, g/cc		0.92	0.92	0.92	0.92	
Density, lbs./gal		7.68	7.67	7.65	7.64	

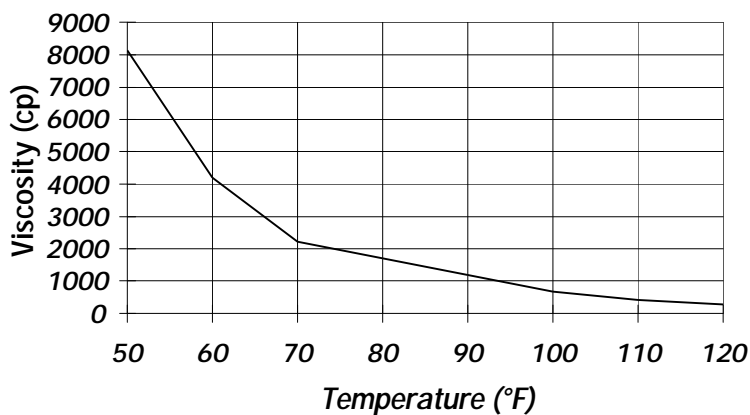
See reverse for additional data

**Storage and Handling** Kling Beta LV may be stored in carbon steel tanks. Bulk storage should be maintained between 20-40°C (70-105°F). Avoid heating above 65°C (150°F).

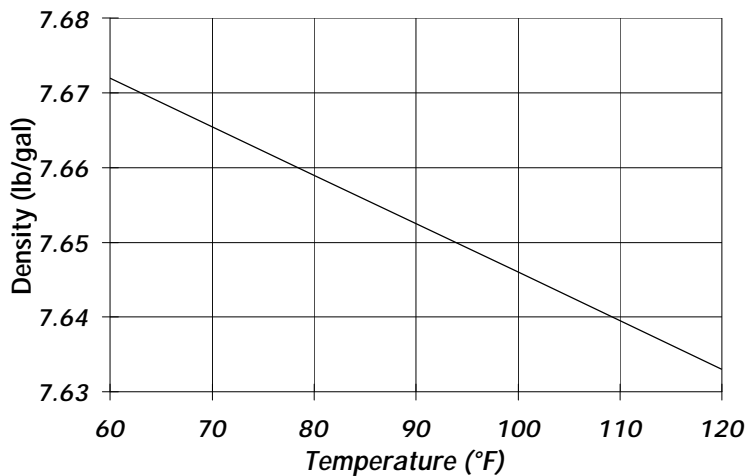
Kling Beta LV contains amines and may cause severe irritation or burns to skin and eyes. Protective goggles and gloves must be worn when handling this product. For further information, consult the Material Safety Data Sheet.

**Packaging Information** Kling Beta LV is available in bulk shipments or in 55-gallon tight-head drums of 400 lbs. (181 kg.) net weight.

**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.