

STATE OF CALIFORNIA
Specification 8040-91D-07
RAPID SET EPOXY ADHESIVE FOR PAVEMENT MARKERS
Cancels & Supersedes
8040-61J-07
CONTAINING SHORT STUFF® POLYETHYLENE E400F

1.0 SCOPE

This specification covers a high viscosity paste rapid set epoxy formulated primarily for use in bonding pavement markers to portland cement concrete and asphalt concrete.

2.0 APPLICABLE SPECIFICATIONS

The following specifications, test methods and standards in effect on the date of the Invitation for Bid form a part of this specification where referenced:

Test Method No. California 425
Federal Standard No. 595
Department of Transportation, Standard Specification
State of California Specification

3.0 REQUIREMENTS

Composition:

	Component A	Parts by Weight
Epoxy Resin *1		90.00
Orthocresyl Glycidyl Ether *2		10.00
Titanium Dioxide, ASTM D476 Type III or IV		3.00
Talc *3		50.00
SHORT STUFF® Polyethylene E400F *4		1.00*
Glycerin, ASTM Designation D1257		0.50
	Component B	
High Functionality Polymercaptan Hardener *5		60.00
2,4,6-Tri (Dimethylaminomethyl Phenol) *6		7.00
Polysulfide Polymer *7		35.00
Furnace Black *8		0.10
Talc *3		50.00
SHORT STUFF® Polyethylene E400F *4		1.10*
Silicone Anti Foam Type DB100, 100% Solids		0.01

*A range of 0.60 - 1.5 parts is permitted in the A component and 0.95 - 1.3 parts in the B component to achieve the required viscosity and thixotropy. Small preproduction batches should be made to determine the polyethylene fiber level best suited for manufacturing equipment used.

(see page 2)

