

This bulletin describes Plasite caulking material compounds 925 MG and 941.

Plasite caulking compounds are two part systems with a short pot life. Therefore, only that amount which can be applied during the specified pot life should be mixed at any time.

Usually a five-minute mixing time is sufficient, and an exothermic reaction can be expected.

It has been found that the catalyzed compound, when spread on an easel or flat board, will extend the workable life. This is attributed to the dissipation of the heat generated by the exothermic reaction.

Plasite caulking compounds present no unusual hazard in ordinary industrial applications. All persons should avoid skin contact with these materials to prevent the occurrence of dermatitis in the small percentage of workmen who may be hypersensitive to them. Eye protection also should be provided.

INTENDED USE

Plasite caulking compounds are used to fill, seal, patch and bond and are normally used in conjunction with Plasite coatings. Generally Plasite caulking compounds may be used in most dry environments and the vapor stages of vessels. **FOR INDUSTRIAL USE ONLY!**

SURFACE PREPARATION

The surface preparation shall be dependent on the Plasite coating to be applied. See surface preparation instructions contained in the technical bulletins for the appropriate coating.

For best service when applying Plasite caulking compounds, it is recommended that the compound be applied after first coating.

APPLICATION

The Plasite caulking materials may be applied by caulking gun, trowel or putty knife as indicated.

NOTES

1. The ingredients in Plasite 925 MG caulking compound meet the requirements of the U.S. Federal Register, U.S. Food and Drug Administration, Title 21, Chapter 1, Par. 175.300. The ingredients in Plasite 941 caulking compound meet the requirements of the U.S. Federal Register, U.S. Food and Drug Administration, Title 21, Chapter 1, Par. 175.300 and 177.2420.

2. Both are based on 100% solids by volume and will yield 231 cubic inches of cured film per gallon. Example: 1 gallon will produce a ¼" x ¼" bead 308 feet in length.

TYPE

925 MG:.....Epoxy-polyamide
 941:.....Vinyl Ester – MEKP

SOLIDS %

925 MG:.....100%
 941:.....100%

CHEMICAL RESISTANCE

925 MG & 941:.....Excellent overall resistance to corrosive waters and chemicals.

OVERCOATING

925 MG:.....May be overcoated with appropriate Plasite "cold set" coatings.

941:.....Plasite 4000 Series Only

REMARKS

925 MG:.....Heavy bodied; specially formulated for vertical surfaces; quick set; non-shrinking; non-toxic.

941:.....Heavy bodied; specially formulated for vertical surfaces; a hard surface when fully cured; quick set.

COMPATIBLE SUBSTRATES

925 MG & 941:.....Steel, aluminum, wood, concrete

MIX RATIO*

925 MG:.....2:1
 941:.....Premeasured

*Compound/curing agent

FDA

925 MG:.....Yes
 941:.....Yes

SET TIME

925 MG:.....16-24 hours @ 70°F
 941:.....10-16 hours @ 70°F

CURING TIME

925 MG:.....5-7 days for immersion
 941:.....5-7 days for immersion

POT LIFE – 1 QT. MIX

925 MG:.....90 min. @ 70°F
 941:.....60 min. @ 70°F

PLASITE® 925 MG & 941

SHELF LIFE

925 MG:.....24 months
941:.....1 month

COLOR

925 MG:.....Brown-white
941:.....Gray

WT./GAL.

925 MG:.....9.2 (± .4)#
941:.....14.4 (± .4)#

APPLICATION

925 MG:.....Knife, trowel, caulking gun
941:.....Knife, trowel, caulking gun

SAFETY

READ THIS NOTICE SAFETY AND MISCELLANEOUS EQUIPMENT

For tank lining work or enclosed spaces, it is recommended that the operator provide himself with clean coveralls and rubber soled shoes and observe good personal hygiene. Certain personnel may be sensitive to various types of resins which may cause dermatitis.

THE SOLVENT IN THIS COATING IS FLAMMABLE AND CARE AS DEMANDED BY GOOD PRACTICE, OSHA, STATE AND LOCAL SAFETY CODES, ETC. MUST BE FOLLOWED CLOSELY. Keep away from heat, sparks and open flame and use necessary safety equipment, such as, air mask, explosion-proof electrical equipment, non-sparking tools and ladders, etc. Avoid contact with skin and breathing of vapor or spray mist. When working in tanks, rooms and other enclosed spaces, adequate ventilation must be provided. Refer to PLASITE Bulletin PA-3. Keep out of the reach of children.

CAUTION - Read and follow all caution statements on this product data sheet, material safety data sheet and container label for this product.

This data sheet provides standard information on the coating and application procedure. Since varying conditions may not be covered, consult with your local sales representative or Carboline Technical Service Department for further information.



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