



9411 Corsair Road
Frankfort, IL 60423
1-800-552-0299 Phone
1-815-5650 Fax
www.instantca.com

EMERGENCY PHONE 1-800-255-3924

TECHNICAL DATA SHEETS

MP 52051 & MP 5212 Activator

Description:

MP 52051 is a two component no mix acrylic, curing by contact, does not require mixing. Fixture time is under 30 seconds on most substrates. This material has been engineered to bond a wide range of various metal substrates. The material forms a tough durable bond, able to withstand harsh environments, with excellent aging and weathering properties.

Physical Properties:MP 52051

Chemical composition:urethane methacrylate
*Appearance: Amber/Thixotropic
*Viscosity: (25 degree C) 15,000cp-25,000cp
*Specific weight (25 degree-g/ml) :1,1
*Flash point (TCC) :103 degree C
*Solvents content :none
*Shelf Life @ 20 degrees C : 1 year
*Storage temperature 0 to 30 degrees C

Handling Characteristics:

*Handling time	:< 30 seconds
*Steel to Steel Lap Shear Strength cured At 120 degrees Celsius for 30 minutes	:2550PSI
*Shear strength Steel to Steel for 24hrs	:1200PS
Shear strength Steel to Steel for 48hrs	:1500PSI
Shear strength Steel to Steel for 72hrs	:1800PSI
*Fixed Time between 2 glass slides or 2 steel Bars	:20 seconds
*Cure Time at 120 degrees Celsius	:30 minutes
*Temperature range	:-30 degree C+120 degree C

Physical Properties:MP 5212

*Chemical composition	: Methacrylate ester
*Appearance	: Amber liquid
*Viscosity (25 degree C -mPa.s):	5 - 10
*Specific weight (25 degree-g/ml)	: 1,0
*Flash point (TCC)	: +87 degree C
*Solvents content	: None
*Shelf Life @ 20 degrees C	: 1 year

Storage:

Room temperature. Keep containers close when not in use.

Does not contain dangerous substances, classified: Xi= irritating according to EC regulation. For detailed information refer to MSDS.

REVISED JUNE 2013

Engineering Excellence

For technical information and support call **1-800-552-0299** or visit our website at

www.instantca.com