

## 3M Scotchkote™ SG 527 Epoxy Metal Repair

Category : Polymer , Thermoset , Epoxy

**Material Notes:**

Scotchkote Epoxy Metal Repair SG 527 is a specially packaged rapid curing synthetic metal repair compound for on site repairs to metal components such as leaking pipes, tanks, ducts, and radiators. Product Features: Simple to use, only requiring simple hand mixing to activate reaction between the concentrically packed components. Designed for application by gloved hand, putty knife or spatula. Can be applied to any damaged metal surface, plus glass, fiberglass and other composite surfaces. Designed for rapid repairs to cracked casting, leaking pipes, tanks, flanges etc. minimizing downtime. Excellent adhesion to correctly prepared metal surfaces. Information provided by 3M

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_3M-Scotchkote-SG-527-Epoxy-Metal-Repair.php](http://www.lookpolymers.com/polymer_3M-Scotchkote-SG-527-Epoxy-Metal-Repair.php)

Physical Properties	Metric	English	Comments
Solids Content	100 %	100 %	

Mechanical Properties	Metric	English	Comments
Flexural Strength	22.4 MPa	3250 psi	
Compressive Strength	34.5 MPa	5000 psi	
Shear Strength	4.48 MPa	650 psi	Tensile Shear Adhesion, on a grit blasted steel

Thermal Properties	Metric	English	Comments
Heat Distortion Temperature	40.0 °C	104 °F	

Processing Properties	Metric	English	Comments
Cure Time	30.0 min	0.500 hour	Hard Dry for machining
	120 min	2.00 hour	Full Cure

Descriptive Properties	Value	Comments
Appearance	Gray	

## Contact Songhan Plastic Technology Co.,Ltd.

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