



TEROSON®

MS 949 FR

**Fire retardant adhesive
and sealant for rail
applications**



**TRUSTED
COLLECTION,
STRONG
CONNECTION**

The **innovative Teroson®** product family:
primer free application · UV and weather
resistance · no special training required ·
formulated **without isocyanates and tin.**

TEROSON® MS 949 FR

Fire retardant adhesive and sealant for rail applications

TEROSON® MS 949 FR is a one component, fire retardant adhesive and sealant based on silane modified polymer technology. It cures with ambient moisture to form a durable, elastic bond and is specifically designed for rail and transportation applications requiring certified fire resistance, long term durability, and excellent adhesion across multiple substrates.

Formulated without isocyanates, phthalates, solvents, tin, PFAS and BPA, TEROSON® MS 949 FR combines fire safety, mechanical performance, and easy application, ideal for interior and exterior use.



Key Benefits

- **Fire retardancy:** EN 45545 2 – R22 / R23 HL2
- **Excellent elasticity and vibration resistance**
- **Primerless adhesion:** on most surfaces
- **Weather, UV, and cleaner resistant:** long term outdoor durability
- **Non corrosive and paint compatible:** safe for sensitive substrates
- **Broad substrate adhesion:** metals, coated metals, glass and plastics



Typical Applications

Designed for elastic bonding and sealing in railway vehicles:

- **Window bonding**
- **Door assemblies**
- **Floor panels**
- **Interior & exterior seams**
- **Metal, glass, and plastic components**



Product Characteristics

Technology	Silane-modified polymer
Chemical type	Silane-modified polymer
Appearance (uncured)	Black
Viscosity	Thixotropic paste
Cure	Moisture
Application	Bonding and sealing
Application temperature	15 °C to 40 °C
In service temperature	-40 °C to 100 °C
short exposure (up to 1h)	120 °C



Why Choose TEROSON® MS 949 FR?

- Improved fire safety compliance
- Reduced surface preparation (primerless)
- Long term durability in harsh environments
- Faster production with easy processing



LEARN MORE



Europe
Germany
Henkel AG & Co. KGaA
(Headquarters)
Henkelstraße 67
40589 Düsseldorf

Asia-Pacific
China
Henkel (China) Co., Ltd.
No. 928 Zhangheng Road,
Pudong New District
201203 Shanghai

America
U.S.A.
Henkel Corporation
1 Henkel Way, Rocky Hill
CT 06067