



QUALITY & INNOVATION

PROVEN • DURABLE • RELIABLE • VERSATILE

Put It On & Go To Sleep



## Hi-Temp Metal Cracks & Fissures Sealant

R-457 HT Silicate  
70ml Tube



R-518 HT Silicate  
300ml Cartridge

**HT SILICATE** is a paste, based on a modified silicate cement. Specifically designed to permanently repair and seal joints, cracks and fissures in fireplaces, autoclaves, ovens and chimneys and applications that require performance of -40°C to +1200°C. It can also be used for repairing and assembly of vehicles exhaust system. **Not for use for PP, PE and PTFE.**

### Features & Benefits

- Sealing areas exposed to direct flame
- Safe for the users
- Forms a dry skin
- Good adhesion to most substrates
- Free of aromatic solvents
- Will not attract dust and dirt
- Use in a wide range of applications

### Application Guide

For the best results, components to be bonded should be clean and dry.

1. Thoroughly clean the repair area with a wire brush, remove rust and sand the surface using sandpaper or abrasive flaps, then wash it with clean water.
2. Apply a small amount of paste onto the wet surface.
3. Spread evenly.

### TECHNICAL DATA

Colour:	Grey
Product	Paste
Form:	
Density:	2.1 to 2.6 g/ml
Fully Cured:	24 hours
pH:	11.5 – 13
Temperature:	-40°C to +1200°C
Shelf Life:	18 months
Storage:	+5°C to +25°C 50% R.H.
Packaging:	70ml & 300ml

For larger defects (cracks or holes), after applying first layer of the adhesive, place the heat resistant mesh (included in kit) over it and wait a while for it to dry a little bit before applying a second coat of paste. Allow 2 -3 hours for the paste to harden, **it takes 24 hours to be fully cured.**

Good surface preparation is the key to guarantee a high efficiency of repair. In the case of bonding at a temperature below 15°C, heat up the joint hot air blower before applying.

For best results, apply the paste in thin layers not exceeding 3.0mm thick. **\*Do not use for PP, PE & PTFE.**

### HEALTH & SAFETY INFORMATION



#### DANGER

H314 – Causes severe skin burns and eye damage.

P102 – Keep out of reach of children

P280 – Wear protective gloves/protective clothing/eye protection/face protection

P303 + P361 + P353 – IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.

P305 + P351 + P338 – IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to remove – continue rinsing.

P405 – Store locked up.

P501 – Dispose of contents/container to a mine waste dump



ZINTEGROWANY SYSTEM  
ZARZĄDZANIA  
JAKOŚCIĄ I ŚRODOWISKIEM



URZĄD PATENTOWY  
RZECZYPOSPOLITEJ POLSKIEJ

ŚWIADECTWO OCHRONNE  
Nr 118336



OHIM  
No 004596664

Everjoy Industrial Supplies Pte. Ltd.

38 Woodlands Industrial Park E1, #04-11 Singapore 757700

Telephone: + 65 6748 3093

Fax: +65 6748 7202

Email: admin@everjoy.com.sg