

## TECHNICAL DATA SHEET

TDS 641 / Index 02 - 26/12/2014

641



# **PC 195**

# MINERAL FILLER BASED HEAT-CONDUCTING PASTE

#### **DEFINITION**

Heat-conducting assembly and sealing paste.

Thermal conductivity: 4 W/m.K

#### **ADVANTAGES**

Water-repellent, excellent resistance to liquids.

Enhanced resistance to oxidation.

Excellent resistance to solvents, chemical agents.

Reinforced dielectric characteristics (conductivity < 0.010hm/cm), even in humid environments.

Chemically inert; does not corrode metals.

Does not damage plastic or rubber materials.

Does not harden, does not drip.

Preserves the static and dimensional stability of the equipment.

#### **SCOPE OF APPLICATION**

All domains where thermal conductivity between two surfaces must be improved, heat energy transfer must be facilitated and efficient lubrication is required.

Alternators, starters, sensors, electrical and electromechanical devices, etc.

Assembly, lubrication, sealing etc.

#### **TECHNICAL CHARACTERISTICS**

Aspect	opaque
Colour	
Density	1.77
Drop point	none
Evaporation in 24 hours at 200°C	< 3%
Penetration after 60 strokes at 25°C (NFT 60	132) 270/290
Penetration after 60 strokes at 25°C (NFT 60	132) 260/280 after 24 hours down time
Freezing point	< -50°C
Operating temperature	40°C to +200°C
*ROHS	Free of Pb, Hg, Cd, etc.

#### 1/2 Head office

Parc Industriel de la Plaine de l'Ain - 225 allée des Cèdres - 01150 Saint-Vulbas - FRANCE Tel. +33 (0)4 74 40 20 25 - Fax +33 (0)4 74 40 20 26 www.orapi-maintenance.com

ORAPI ® cannot know about every application for which the products are used nor their conditions of use. ORAPI ® shall not be held responsible: for the suitability of its products for a given use or specific purpose, for the methods of application over which it has no control. The information contained here can on no account be a substitute for the preliminary tests which are essential and which must be carried out in order to check the suitability of the product to each specific case. The user of the product described in this technical data sheet is solely responsible for all measures required to protect people and property from hazards that may arise from the implementation and/or use of this product. Therefore, ORAPI ® renounces any implicit or explicit guarantees, including guarantees relating to marketability or suitability for a certain purpose, resulting from the sale or use of its products. In particular, ORAPI ® renounces any claims for incidental or consequential damages whatsoever, including financial operating losses.



### TECHNICAL DATA SHEET

TDS 641 / Index 02 - 26/12/2014

#### **INSTRUCTIONS FOR USE**

The surfaces must be perfectly clean before applying this product. Can be applied in all usual ways.

#### **PACKAGING**

Cartridges 'silicon type' 300 ml / 531 g	Réf. 3641C3	x 12
1 kg tin	Ref. 3641 B7	x 6
50 kg drum	Ref. 3641O4	x 1

#### **CERTIFICATIONS**

- VALEO 2807827 certified
- Compliant with MIL C 47113B
- Compliant with the ROHS Directive\*

#### 2/2 Head office

Parc Industriel de la Plaine de l'Ain - 225 allée des Cèdres - 01150 Saint-Vulbas - FRANCE Tel. +33 (0)4 74 40 20 25 - Fax +33 (0)4 74 40 20 26 www.orapi-maintenance.com