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PRODUCT NAME 02 03.05.2017	Teknoheat 1177		
PRODUCT DESCRIPTION	Modified combination of silicone resin		
INTENDED USE	Topcoat for metals with tested corrosions protection		
SECIAL CHARACTERISTICS OF THE COATING	Teknoheat 1177 has a tested heat resistance according to customer's specification.		
TECHNICAL DATA			
Solid content	61 ± 2 by weight - % 46 ± 2 by volume - %		
Density	1,3 g/cm ³		
Volatile organic compound (VOC)	about 500 g/l		
Recommended film thickness and theoretical spreading rate	dry film (µm)	wet filmt (µm)	Theoretical spreading rate (m ² /kg)
	20-25	45-65	14,5
	As many of the paint's properties will change if too thick coats are applied, it is not recommended that the product is applied to a film thickness that is more than 30µm.		
Practical spreading rate	The values depend on application technique, surface conditions, overspray, etc.		
Drying time, +23°C / 50 % RH (dry film thickness 20-25 µm)			
- drying condition	175 – 180°C – 25 minutes		
Diluent / thinner	Teknosolv 6745-30		
Cleaning of equipment	Teknosolv 6740-30		
Gloss	Glossy		
Colorshades	On demand		
SAFETY MARKINGS	See Material safety data sheet		
DIRECTION FOR USE			
Surface preparation	Remove from the surface any contaminants that might be detrimental to surface preparation and coating. Remove also water-soluble salts by using appropriate methods. The place and time of the preparation are to be chosen so that the prepared surface will not get dirty or damp before the subsequent treatment.		
Application conditions	The surface to be painted must be dry and the relative air humidity below 80%. During the application and drying period the temperature of the ambient air and the surface shall be at least above +10°C and the temperature of the paint must be at least 5°C above the dew point of the ambient air.		
Application	Before use stir the paint thoroughly. Apply the paint with brush, conventional spray or airless spray. Airless spray nozzle 0,011"		
ADDITIONAL INFORMATION	The storage stability is shown on the label. Additional information about the surface preparation can be found in EN ISO 12 944-4 and ISO 8501-2.		

The information on this data sheet is normative and based on laboratory tests and practical experience. Teknos guarantees that the product quality conforms to our quality system. Teknos accepts, however, no liability for the actual application work, as this is to a great extent dependent on the conditions during handling and application. Teknos accepts no liability for any damage resulting from misapplication of the product. This product is intended for professional use only. This implies that the user possesses sufficient knowledge for using the product correctly with regard to technical and working safety aspects. The latest version of Teknos data sheets, material safety data sheets and system sheets are on our homepage www.teknos.com.