

XIAMETER[®] SLT-3445 Sealant Acetoxy Red Flowable

Flowable one part acid curing RTV silicone for high temperature release coatings

FEATURES

- Self levelling liquid, suitable for spraying or dipping
- Very good release properties
- Temperature stability up to 260°C (500°F), intermittent use up to 300°C (572°F)
- Good unprimed adhesion to a variety of metals
- XV BfR Recommendation and 90/128/EEC under EU Food Regulations
- 21 CFR 175.105 and 21 CFR 177.2600 under U.S. FDA regulations

APPLICATIONS

- Typically used to coat plates or moulds, used to produce bakery products or other foodstuffs.

TYPICAL PROPERTIES

Specification Writers: These values are not intended for use in preparing specifications. Please contact your local XIAMETER[®] sales representative prior to writing specifications on this product.

Property	Unit	Value
Color		Red
Active ingredient	%	100
Viscosity	mPa.s	40,000
Skin-over time	Minutes	10-
Tensile strength	MPa	1.5
Elongation	%	300
Hardness	Shore A	25

FOOD CONTACT STATUS

When fully cured, XIAMETER[®] SLT-3445 Sealant Acetoxy Red Flowable may be used for food contact applications in accordance with European regulations for silicones in contact with food.

These regulations are also subject to end-use compliance with European migration limits. Therefore it is recommended to postcure the coating and properly wash it before end use.

HOW TO USE

All surfaces to be coated should be free from dust and grease before application. Cleaning with a suitable solvent e.g., isopropanol is recommended to remove surface contamination.

When spraying XIAMETER SLT-3445 Sealant Acetoxy Red Flowable it is necessary to dilute to an appropriate viscosity with a non polar solvent such as cyclohexane

or other volatile aliphatic solvents. Minimum spraying pressure is 5 bar; a more uniform coating may be obtained by the use of airless spraying at a higher pressure (100 bar).

The optimum cure schedule for XIAMETER SLT-3445 Sealant Acetoxy Red Flowable is as follows:

Room temperature drying for minimum 1 hour followed by post curing at 200°C (392°F) for 30 minutes (minimum). The post cure is important in order to meet the food contact regulations.

Graph 1 gives an indication of cure speed versus temperature and humidity.

PRODUCT SAFETY INFORMATION

PRODUCT SAFETY INFORMATION REQUIRED FOR SAFE USE IS NOT INCLUDED IN

THIS DOCUMENT. BEFORE HANDLING, READ PRODUCT AND MATERIAL SAFETY DATA SHEETS AND CONTAINER LABELS FOR SAFE USE, PHYSICAL, ENVIRONMENTAL, AND HEALTH HAZARD INFORMATION. THE MATERIAL SAFETY DATA SHEET IS AVAILABLE ON THE XIAMETER WEB SITE AT WWW.XIAMETER®.COM.

STORAGE

Product should be stored between -10°C (14°F) and 30°C (86°F) in original, unopened containers. The most up-to-date shelf life information can be found on the XIAMETER Web site in the Product Detail page under Sales Specification.

LIMITATIONS

This product is neither tested nor represented as suitable for medical or pharmaceutical uses. Not intended for human injection.

LIMITED WARRANTY INFORMATION – PLEASE READ CAREFULLY

The information contained herein is offered in good faith and is believed to be accurate. However, because conditions and methods of use of our products are beyond our control, this information should not be used in substitution for customer’s tests to ensure that our products are safe, effective, and fully satisfactory for the intended end use. Suggestions of use shall not be taken as inducements to infringe any patent.

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Graph 1: Cure speed in relation to temperature and humidity.

