



# SILCOTEC

## High Consistency Silicone Compounds *Food & Skin Contact Applications*

Revision date: July 2012

### HCR Compounds - Food Contact Applications

SCT's high consistency silicone compounds for skin and food contact are specially formulated to comply with various FDA regulations including 178.3297, 177.2600 and 177.1210. These compounds are ideal for medical/dental tools, bakeware, and other consumer care products. However, they are not intended to be used in human or animal implantations.

### General Description

- Compliant with FDA regulations for food and skin contact
- Cure type: addition (preferred), high temperature peroxide
- Colors: standard, Pantone®, RAL, FED, custom
- Optional properties: heat resistant, easy de-molding, UV glow, MRI/X-ray opaque, others

### General Properties

Property	Typical Value
Specific Gravity	1.145
Durometer	20 - 85
Tensile (psi)	1400
Elongation (%)	500
Modulus @ 100% Elongation (psi)	450

\*Properties vary

### Processing

- Curing conditions (addition): 10 minutes @ 350°F
- Our compounds offer easy de-molding & cleanup

### Applications

- Medical/Dental: medical grips, dental tools, other
- Bakeware: hot pads, oven mitts, muffin pans, spatulas, other
- Baby products: baby bottle nipples, baby teethingers, other

### Preform and Packaging

- Bulk, sheets, other
- Regular boxes, 50 Lbs