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Kneadable Dough SILPUTTY A/B Product Data Sheet

SILPUTTY A/B Platinum Based, two-component, 1 to 1 mix, *food safe*, quick curing Silicone RTV that captures forensic detail—*slightly firmer than the general purpose Silputty 40—55 A Shore*. Simply knead A and B components together and *press on* to surface. Use for making custom rapid prototypes, architectural restoration, *food molds*, texture pad, tool fixtures, quick impressions, calibration impressions, and any application where a quick, temporary mold or rubber part may be required. Molds can be used to cast all types of resins, wax, and plaster materials. ***Avoid using Latex Gloves, Tin RTV and Sulfur Clay with this system.*

Available Sizes: Pint Kit (2 lb), ½ Gal Kit (10 lbs), Gal Kit (18 lb), 5 Gal Kit (100 lbs)

Mix & Cure Instructions:

Mix 1 part by weight of cross-linker to 1 part by weight of base—visual estimation of proportions is usually sufficient. Knead components together until color is uniform. Be careful not to mix more than can be applied in 3 minutes. Press material into desired surface—taking care to avoid air entrapment—and allow to cure. Summer or winter temperatures will affect cure and gel times. **Heat from hair dryer can be used to accelerate cure.** Requirement for cure are dependent on the particular application and should be determined by the user. *This is a Platinum Base System and certain materials will cause contamination, resulting in a gummy or sticky surface—Latex Gloves, Tin RTV and Sulfur Clay are some of the common contaminants that should be avoided. See Addition Cure Tech Sheet for additional information.*

	SILPUTTY A/B
	PRESS ON
Consistency- Mixed	Putty
Gel Time	5 min
Cure Time	15 min
Mixed Color	Green
Durometer Shore A	55
Viscosity, cps	Kneadable Dough
Mix Ratio	1 Part A to 1 Part B
Specific Gravity	1.65
Elongation	100%
Tear Strength, ppi	30
Service Temp, C	-60 to 200 C
Shelf Life	6 months

***Values listed are typical and not intended for use in specifications. Test methods are available on request.*

Cure Inhibition:

Certain materials will cause inhibition or neutralization of the curing agent. These materials are sulfur containing organo-metallic salt containing compounds found in organic rubbers, many Tin RTVs (Condensation cure), chloride solvents, and epoxy- amines. Inhibition may easily be determined by brushing a small quantity of material over a localized area of the surface to be reproduced. If the material is gummy or uncured after the curing time, then contacting surface is acting as an inhibitor.

STORAGE/SHELF LIFE:

A and B components must be stored in their original, unopened containers at temperatures between 60-90F. Shelf life of materials when kept in unopened, sealed containers, at the recommended storage conditions, is 6 months.

THE INFORMATION AND DATA CONTAINED HEREIN ARE BASED ON INFORMATION WE BELIEVE RELIABLE. EACH USER OF THE MATERIAL SHOULD THOROUGHLY TEST APPLICATION, AND INDEPENDENTLY CONCLUDE SATISFACTORY PERFORMANCE BEFORE COMMERCIALIZING. SUGGESTIONS OF USES SHOULD NOT BE TAKEN AS INDUCEMENTS TO INFRINGE ON ANY PARTICULAR PATENT.