

## Modeling Paste

### Hand Paste

#### Key Properties

- Flame retardant
- E-84 Class A
- Easy to sculpt

#### Applications

- Sculptures
- Design models

#### Processing properties Adhesive

			EP-2344	EH-2944
Color	visual		Light Gray	Brown
Mix ratio		pb weight	100	80
		pb volume	100	100
Density	ASTM D-792	lb/ft <sup>3</sup> (g/cm <sup>3</sup> )	ca. 62 (ca. 1.00)	ca. 50 (ca. 0.80)
			EP-2344 / EH-2944	
Pot life at 25 °C (77°F)	500 ml	min	100 – 140	
Max. layer thickness		in (mm)	-	
Minimal curing time at 25 °C (77°F)		h	5-6	

#### Cured / Mechanical Properties

##### 7 days at 77°F

			EP-2344 / EH-2944
Aspect	visual		Light Brown
Density	ASTM D-792	lb/ft <sup>3</sup> (g/cm <sup>3</sup> )	ca. 56 (ca. 0.90)
Shore hardness D	ASTM D-2240		65 - 70
Tensile strength	ASTM D-638	Psi (MPa)	1,200 – 1,700 (8 – 12)

**Processing**

**The processing and material temperature should be between 20-25 °C (68-77 °F).**

Mix the two components thoroughly in the ratio indicated .Small quantities can be mixed by hand. For larger quantities the use of a mixing machine is recommended.

**Packaging**

RAKU® TOOL EP-2344	Quart. Kit	1.9 lbs.
RAKU® TOOL EH-2944	Quart. Kit	1.5 lbs.
RAKU® TOOL EP-2344	Gal. Kit	7.3 lbs.
RAKU® TOOL EH-2944	1 Gal. Kit	5.8 lbs.
RAKU® TOOL EP-2344	5 Gal. Kit	36.3 lbs.
RAKU® TOOL EH-2944	5 Gal. Kit	29.0 lbs.

**Storage**

Original containers should be kept tightly sealed and stored at ambient temperatures (15°C to 30°C) (59-86 °F). If properly stored the products have the shelf-life indicated on the product label. Partly used containers should always be sealed appropriately and used up as soon as possible.

**Handling Precautions**

Good workplace ventilation is to be ensured during processing. At the same time, the employer’s liability insurance association’s industrial hygiene safety regulations regarding the handling of reaction resins and their hardeners are to be observed. Please take heed of the appropriate safety data sheets.