

TECHNICAL INFORMATION

DUROCAST™ Impression Compound

Catalog Nos. DOC1000, DOC101



No. DOC1000 Kit and Components

INTRODUCTION

DUROCAST™ Impression Compound is a silicone casting material with extremely high sensitivity in recovering minute marks on various surfaces. This material is especially useful in recovering tool marks and marks or scratches on spent cartridges caused by the breech and extractor mechanisms.

DUROCAST™ consists of a putty-like base material and a catalyst. It is simple to use and is non-toxic when used according to directions.

DUROCAST™ is supplied as a complete kit (No. DOC1000) or it may be purchased in various refill sizes.

PRECAUTIONS

- Consult the appropriate Material Safety Data Sheets (MSDS) found on our website at www.sirchie.com and click on MSDS.
- Keep out of the hands of children. Not for human consumption.
- Read through this entire instruction sheet prior to using the product.
- If stored at room temperature, this material has a shelf life of approximately 2 years. Do not store it in areas where it would be subjected to excessive heat such as the trunk of an automobile.



STEP 1



STEP 2



STEP 3

PROCEDURE

NOTE: Photograph the impression with a scale prior to attempting casting.

- STEP 1. To properly mix the compound, begin with measuring out one level scoop full of base material, using the plastic scoop provided with the product.
- STEP 2. Flatten base material in the palm of your hand. Invert the scoop and press it into the compound.
- STEP 3. Squeeze a line of catalyst along the length of the scoop impression. Mix the two materials together, by hand, until a uniform color results. Do not exceed 30 seconds of mixing time.



STEP 4

- STEP 4. Press the compound into the impression to be cast immediately after mixing. One level scoop of base material will cover an area of approximately 1.5" x 3" (38mm x 51mm). Repeat the mixing procedure if a larger area must be covered. Allow 8-12 minutes for setup, and then remove the cast from the impression.

It is generally not necessary to use a release agent from most surfaces.

DOC1000 KIT CONTENTS

- 1- DOC1001C DUROCAST™ Impression Compound, 23.28 oz. (660g)
- 1- DOC100C DUROCAST™ Catalyst, 5g
- 1- DOC100S Plastic Measuring Spoon
- 1- DOC1 Carrying Case, Textured Molded Plastic; Dimensions: 12.125" x 7.25" x 5.5" (30.8cm x 18.4cm x 14cm); Weight: 3.72 lbs. (1.7g)

REFILL SUPPLIES

CATALOG NO. DESCRIPTION

- DOC1001DUROCAST™ Impression Compound w/Catalyst, 1 oz. volume (28.3g)
- DOC1002DUROCAST™ Impression Compound w/Catalyst, 2.5 oz. volume (70.9g)
- DOC101DUROCAST™ Impression Compound w/Catalyst, 23.28 oz. (660g)
- DOC330DUROCAST™ Impression Compound w/Catalyst, 11.64 oz. (330g)
- DOC100CDUROCAST™ Catalyst, 5g

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