

EXABITE™ II NDS



VINYL POLYSILOXANE BITE REGISTRATION CREME

Prior to use, carefully read the instructions.

EXABITE II NDS is an improved version of EXABITE, an addition reaction polysiloxane impression material, providing sharper setting and higher strength. It is available in a new cartridge which must be used with the new GC CARTRIDGE DISPENSER 2.

For use only by a dental professional in the recommended indications.

INDICATIONS

Checking occlusal registrations.

CONTRAINDICATIONS

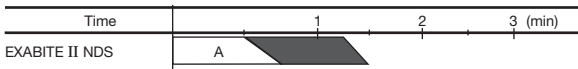
Patients with known allergy to silicone materials: In case of allergy refer to a physician.

PHYSICAL PROPERTIES

COMPARISON OF PROPERTIES	EXABITE II	EXABITE
Working time (sec.)*	45''	60''
Minimum time to remove from mouth (sec.)	45''	90''
Maximum strain in compression (%)*	0.9	1.0
Recovery from deformation*	99.6	99.6
Linear dimensional change (%)*	- 0.10	- 0.10
Hardness (Shore A)	87	80

*ISO 4823:1992 (E)

EXABITE II NDS- Working Time (at 74°F/23°C) and Minimum Time to Remove From Mouth:



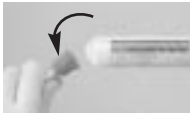
A = Working time B = Holding time in the mouth

DIRECTIONS FOR USE - New Cartridge Dispensing

1. Lift the release lever of the CARTRIDGE DISPENSER 2 (referred to as the dispenser hereafter) and pull the piston plunger all the way back into the dispenser. Lift the cartridge holder of the dispenser and load the cartridge, ensuring that the V-shaped notch on the flange of the cartridge is facing down. Push the cartridge holder down to hold the cartridge firmly in place.



2. Remove the cartridge cap by rotating 1/4 turn anti-clockwise. Tilt the cap downward and peel it away from the cartridge. Gently squeeze the dispenser handle to extrude a small amount of material from the two openings at the end of cartridge. Make sure that base and catalyst come out evenly.



3. Align the V-shaped notch on the rim of MIXING TIP to the V-shaped notch between the cartridge barrels. Push firmly to attach the mixing tip. Then, rotate the colored collar of the mixing tip 1/4 turn clockwise to the end of the cartridge. The dispenser is now ready for use.



4. Squeeze the handle several times to extrude the material. After use, do not remove the MIXING TIP as this will become the storage cap until next use. When replacing the MIXING TIP, rotate the collar on the mixing tip 1/4 turn anti-clockwise to align the V-shaped notch on the cartridge. Tilt the mixing tip downward and peel it away from the cartridge.



5. Remove and replace the old mixing tip, immediately prior to next use.

Before attaching a new tip, gently extrude a small amount of material to ensure that base and catalyst are flowing evenly from both openings. If the materials should fail to extrude, remove any hardened materials from the end of the cartridge.

6. To replace the cartridge, lift the release lever and retract the piston plunger fully. Remove the empty cartridge by lifting the cartridge holder, and load a new one into the dispenser.

CLINICAL CASE

Occlusal Registration for Prostheses.

1. Instruct the patient to occlude into the centric position. Inject material into a space between the opposing tooth and the abutment tooth from the buccal side.
2. When taking an occlusal registration, inject material onto the occlusal surface, then let the patient occlude.



NOTES:

- a.) To reduce the potential for improper model articulation, inject material onto the occlusal surfaces on both sides of the arch.
 - b.) The working time may be as little as 20 seconds when the material is injected directly into the mouth (at 95°F/35°C).
- 3) Remove the registration from the mouth. Trim undercuts and excess material using a sharp knife. After trimming, make sure that the registration fits the prepared working models and articulate the case as necessary.



NOTE:

Use only a sharp knife to trim the material. The use of scissors might fracture the bite registration.



Registration of Checkbite

Using EXABITE II NDS, it is possible to record bite registration in eccentric positions with the jaw moved forward, right, left, and to the center respectively.

Caution

1. In case of contact with eyes, flush immediately with water and seek medical attention.
2. When extruding EXABITE II NDS, care should be taken to avoid mixing or contact with the following materials. They may delay setting time.
 - Condensation type silicone impression material
 - Polysulfide impression material (Ex. GC Surfex-F, Omniflex, Coe-flex)
 - Eugenol type materials (Ex. GC Impression Paste)
 - Others (Water, Glycerine)
 - Sulfur
 - Oil
 - Latex
 - Acrylates
3. The obtained bite registration should be cleaned then disinfected, utilizing a 2.5% or 3.4% glutaraldehyde, or other appropriate disinfectant, according to the manufacturer's label recommendations.
4. Avoid getting material on clothing. It is difficult to remove once it has set.



IDENTIFICATION OF PARTS

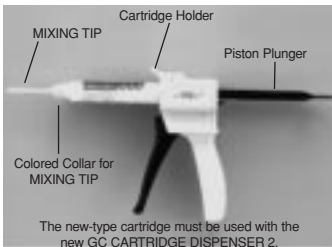
V-shaped Notch
between the
cartridge barrels



V-shaped Notch
on the flange
of the cartridge



Colored Collar
for MIXING TIP 2L



Storage

Store at room temperature (74°F/23°C) out of direct sunlight.
(Shelf life: 3 years)

Package

Cartridge 83g (48ml) x 2
MIXING TIP x 2

(Minimum Mixed Volume 96ml)

Option:

1. CARTRIDGE DISPENSER 2 1 piece
2. MIXING TIP 60 pieces