
Technical data sheet **DEADNER SFX**

1. Use

The Deadner SFX is used to dilute the silicone and modify the hardness.

2. Field of application

- **Industrial application;**
 - **Special effects: change the texture, decrease the hardness and realize a softer and sticky product.**
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3. INSTRUCTIONS FOR USE

Once you have decided the hardness you want obtain, weight the Base, the desired quantity of Deadner SFX and the Catalyst and mixed the three components.

The quantity of Deadner SFX recommended, to maintain the mechanical properties unchanged, is the dosage 100g:100g:100g (100g of Base, 100g of Catalyst and 100g of Deadner SFX) in weight. If you want to obtain very soft silicone or stickier gel to encapsulate, you can use the following ratio 100g:100g:200g (200g of Deadner SFX).

Please do not exceed the quantity of 100g:100g:300g (300g of Deadner SFX) into the formulation or the silicone will not harden anymore.

4. Main characteristics

Aspect	Transparent
Dynamic Viscosity at 23°C	6000 cP
Density at 23°C	0,88 g/cm ³
Surface tension	0,021 N/m
Flash Point	> 250 °C
Index of refraction a 23° C	Approx 1,403

If used with a very soft product like **ZA SFX 0020** the result will be approximately the following:

Deadner SFX Proportion Mix			
<i>Base</i>	<i>Catalyst</i>	<i>Deadner SFX</i>	<i>Loss of hardness Shore00</i>
100 g	100 g	33,3 g	Loss of 4 Sh00
100 g	100 g	100 g	Loss of 9 Sh00
100 g	100 g	200 g	Loss of 13 Sh00

If used with a very soft product like **ZA SFX 0030** the result will be approximately the following:

Deadner SFX Proportion Mix			
<i>Base</i>	<i>Catalyst</i>	<i>Deadner SFX</i>	<i>Loss of hardness Shore00</i>
100 g	100 g	33,3 g	Loss of 3 Sh00
100 g	100 g	100 g	Loss of 10 Sh00
100 g	100 g	200 g	Loss of 23 Sh00

If used with **ZA SFX 10 WT 10** the result will be approximately the following:

Deadner SFX Proportion Mix			
<i>Base</i>	<i>Catalyst</i>	<i>Deadner SFX</i>	<i>Loss of hardness Shore00</i>
100 g	100 g	33,3 g	Loss of 9 Sh00
100 g	100 g	100 g	Loss of 20 Sh00
100 g	100 g	200 g	Loss of 30 Sh00

IMPORTANT: before to add the **Deadner SFX** component, please control the **COA** (certificate of analysis) send you by **Zhermack** to check the hardness of the batch you are using. In order to obtain the right result, it's important to always control the data of the batch you have on stock.

5. Available Packages

<i>Zhermack Code</i>	<i>Pack</i>
DT00010	1 kg
DT00011	5 kg

6. Safety Data Sheets

Before handling the product, read the safety data sheet and make sure to get all the information required for safe use.

7. Shelf Life

The "Best use before end" date of each batch is shown on the product label.

The **Deadner SFX** is guarantee for a period of 12 months if stored correctly at a temperature of between 5° - 27°C (41° - 80°F).

Close the bottle after use.

Storage beyond the date specified on the label does not necessary mean that the product is no longer usable. In this case, however, the properties required for the intended use must be checked out for quality assurance reasons.