

TOA XS-3623TL / XS-69 / XS-73

(1)Main Agent : XS-3623TL

Main Composition : Organo Polysiloxanediol, Methyl Hydrodine Polysiloxane

$$(\widehat{HO} + \begin{pmatrix} CH_3 \\ | \\ Si-O \\ | \\ CH_3 \end{pmatrix}_m + CH_3 - \begin{pmatrix} CH_3 \\ | \\ Si-O \\ Si-O \\ CH_3 \end{pmatrix}_n \begin{pmatrix} CH_3 \\ | \\ Si-O \\ Si-CH_3 \\ (\widehat{H}) \end{pmatrix}_n \begin{pmatrix} CH_3 \\ | \\ Si-CH_3 \\ (\widehat{H}) \\ CH_3 \end{pmatrix}_n$$

(2)Catalyst : XS-73

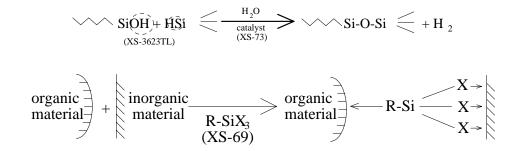
Main Composition : Octyl Stannum Compound $(n\mbox{-}C_8H_{17})_2 \; Sn \; (\; OCOCHCHOCOR \;) \; _2$

(3)Additive : XS-69

Main Composition : Silane Coupling Agent

R-SiX₃(R : carbon functional group, X : silicone functional group)

(4)Crosslinking Mechanism



- XS-69 has binding effect between organic and inorganic material and provides excellent adhesive property.
- ※ XS-73 is a catalyst for [-OH + -NCO →] reaction, so the pot-life will be shortened if XS-73 is added. But it could be improved by adding IPA (isopropyl alcohol) which supplies -OH group.

[Suggestion] IPA added is about 1 to 2 weight percentage of total composition, if needed.