BX-SRA-902 Silicone release agent

I.Product Description

Basic Features:
This release agent is a silicone release coating agent with a solid content of 30%, dispersed in toluene solvent. This product is an addition - reaction type solvent - based silicone release agent; it has excellent properties such as rapid curing, good release force stability, adhesion performance, and excellent tank stability. It is mainly used for the coating of paper, labels, adhesive protection, and other substrates.

II.Technical Specifications

Typical product characteristics	Numberic value
Appearance	Colorless
Active ingredient content, %	30
Viscosity(mPa.s @23°C)	16000-2000 mPa.s
Diluent	Toluene
Flash point(°C ,closed Cup)	5

III.Packaging and Storage:

The product should be stored in its original airtight container at -20°C to +30°C. The expiration date (used before "month-year" is clearly indicated on the label of each barrel. The fact that the storage period exceeds the best period indicated on the label does not mean that the product is no longer usable. But in this case, in order to guarantee the quality of the product, it is necessary to re-check the relevant properties of the Product.

IV.Usage Reference:

It is recommended to prepare the coating solution according to the following steps. The equipment should be clean and dry.
1.Disperse the release agent in heptane, toluene or other aliphatic or aromatic solvents. It is recommended that the solid content after dilution is 2 - 10%.
2.Add a cross - linking agent. If an anchoring agent is required, add the anchoring agent. Stir until uniform.
3.Finally, slowly add the catalyst until uniform stirring is achieved.
4.Optional components include: light - release additives and heavy - release additives.
5.Use the filtered coating solution to uniformly coat the substrate through a suitable coating head, and then enter the oven for curing. The oven temperature is set at 100 - 160°C, and the residence time in the oven is several seconds to dozens of seconds.