

# FLUOROSILICONE RELEASE AGENT

## Composition:

part A: Fluorosilicone Release Agent

part B: Fluorosilicone Crosslinker

## Featurest:

The product is an addition-curing material suitable for using as a releasing coating on silicone pressure sensitive adhesive tapes. One of the unique characteristics of this addition-curing material is the ability to be cured at temperatures between room temperature and 200°C. Substrate suitable for coating AFS-RA-2200 includes: some metal surfaces and some plastic films like polypropylene, polyethylene and so on.

Major applications include:

- Transfer films
- Labels
- Die cut

Items	Index	
	AFS-RA-2200 Part A	AFS-RA-2200 Part B
Appearance	Clear, pale yellow	Clear to hazy, pale yellow
Active Ingredient (%)	100	100
Viscosity at 25°C (mPa.s)	500-1500	200-1500

## How To Use:

1. Add crosslinker and disperse thoroughly. The recommended ratio is 1:1 by weight.
2. If necessary, disperse the coating in the process solvent to a level of 20 to 100 percent silicone solids by weight. Recommended solvents include ethyl acetate or butyl acetate.
3. In normal circumstances AFS-RA-2200 will be cured at a temperature of 150°C for 1min. or can be adjusted to be cured at room temperature for 3 hrs.

## Precautions:

1. All equipment parts that would be come in contact with the coating should be washed completely.
2. Some materials used, such as tin salts and amine additives, would cause inhibition of the cure of the AFS-RA-2200.
3. The life of the catalyzed solution and stock solution varies considerably with concentration, solvent and temperature of the surroundings. Under normal conditions the mixture should be used within 8 hours.

## Life:

AFS-RA-2200 have shelf life of 12 months from date of manufacture when stored in original, unopened containers at or below 30°C. Refer to product packaging for expired date.

## Packaging:

Packed in plastic drums, 1kg, 5kg, 10kg per drum.

## Transportation:

Transport it as non-dangerous cargo.