

Technical Data Sheet



CHONSiS Inc.

CHONSiS CH17EV1 Hotmelt Adhesive

1. INTRODUCTION

The CH17EV1 is a solvent-free type acrylic pressure sensitive adhesive resin that is designated for hotmelt extrusion. Through the proper cross-linking process, this adhesive usually generates good adhesion performance and reliable shear strength good to apply to most bonding substrates.

2. APPLICATIONS

Applications requiring industrial bonding with a reliable adhesion and shear performance.

3. FEATURES

Radical polymerization by UV radiation and convenient to control molecular weight

4. TYPICAL PROPERTIES

Specification Writers: These values are not intended for use in preparing specifications.

TEST	UNIT	RESULT
Appearance	-	Clear, Colorless, light yellow
Mw	%	600,000
Solid	%	above 99.5%
Peel adhesion*	gf/in	1,200

*Peel adhesion : PSA thickness 50 μ m at PET film 50 μ m, Glass

5. DESCRIPTION

The CH17EV1 adhesive is made with special acrylate monomers and consisted of 100% reactive ingredients especially designed to get precision thin coating with excellent transparency and good adhesion performance without any organic solvent and other VOC. It should be applied as a bonding adhesive tape required for thin bonding line thickness, excellent wetting and adhesion performance on various substrates.

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6. HOW TO USE

Coating thickness is the most important parameter to decide the total amount of energy.

To get full curing without untreated part that can be changed to VOC, after the sufficient polymerization, proper crosslinking by high amount of active energy is required for optimized performance.

7. POT LIFE

It is recommended not to expose to the sun light or UV light before use.

Reuse of the product contacted to air is not recommended.

8. HANDLING PRECAUTIONS

ATTENTION: Container will have vapor and/or product residues when emptied. All hazard precautions on label must be observed when handling emptied containers. DO NOT CUT OR WELD CONTAINERS. DO NOT REUSE CONTAINERS.

Product safety information required for safe use is not included. Before handling, read product and safety data sheets and container labels for safe use, physical and health hazard information.

If you need Material Safety Data Sheet or other handling information, Please contact to CHONSiS Inc.

9. USABLE LIFE AND STORAGE

When stored at or below 32°C in the original unopened containers without sun and UV light, This product has a general storage period of 12 months from the date of production.

10. PACKAGING INFORMATION

This product is available by 15kg/carton, 100kg/carton and 1000kg/carton.

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