



## KEY ADVANTAGES

- Medium release level
- Enhanced solvent and humidity resistance
- Outstanding toughness and abrasion resistance
- Good film color, clarity and medium gloss
- Clear coating
- Rheology controlled for smooth coating, fast drying and minimal strike-through
- High solids

## APPLICATIONS

- Multi-purpose creped paper masking tape
- Compatible with hot melt, solvent-based natural rubber and aqueous adhesives

## SUNCRYL® CR 152

Release coating - emulsion copolymer containing silicone

## TYPICAL PROPERTIES

### PHYSICAL PROPERTIES

Physical form	Water-based emulsion
pH	3.0 - 5.0
Solids	44-46%
Viscosity @ 25°C, cps (Brookfield RVT Sp. 2, 20 rpm)	400-1600
Tg (°C)	35
Color	White

### CHEMICAL/MECHANICAL PROPERTIES

Mechanical Stability	Excellent
Ionic Character	Anionic

## FORMULATING

OMNOVA Solutions supplies release coatings at 36-45% solids with the intention that the customer will dilute to 20-30% solids before application. It is good practice to always stir the release coating prior to and after diluting.

Release coatings may be applied to either the crepe or smooth side of the paper. Recommended coating application techniques include Mayer rod, knife, air knife, rotogravure and flexogravure. A common application target coat weight is 4-6 g/m<sup>2</sup> dry.

During drying of the coating, the surface temperature of the web should be allowed to reach 135-150°C to fully cure the polymer, with an optimal performance at 150°C. Reaching the recommended temperature is more important than the dwell time with which the web is exposed.

OMNOVA provides many primers and release products designed for the tape and label industry. Because the nature of tape and label products are influenced by the selection of adhesive, application techniques and use expectations, the system should be thoroughly tested in actual end-use conditions to ensure that the desired performance is achieved.

*Continued on reverse*



## SUNCRYL® CR 152

### PACKAGING, HANDLING AND STORAGE

- Packaging: 460 lb. plastic drum, 2200 lb. tote, tank truck.
- Handling: Do not handle or store near an open flame, heat or other sources of ignition. Avoid contact with skin. Avoid contact with eyes. Use only with adequate ventilation. Wear personal protective equipment. Wash thoroughly after handling. Avoid release to the environment. Use care in handling.
- Storage: Keep away from heat, sparks and flame. Keep container tightly covered. Protect from freezing. Recommended storage temperature is 70°F (22°C). When stored as recommended, the shelf stability of the product is six months. Stir and mix well before using.
- As with all chemicals, please read the material safety data sheet (MSDS) prior to use. An MSDS for each OMNOVA product is available and may be obtained by contacting your Customer Service Representative.

NOTE: Although the data supplied above is believed to be accurate, each user is advised to make an independent determination as to whether the described product(s) is/are appropriate for a particular use or application, whether such use will comply with all applicable laws or regulations, or whether such use will infringe the intellectual property rights of third parties.

[www.omnova.com](http://www.omnova.com)



#### Americas

World Headquarters  
175 Ghent Road  
Fairlawn, OH 44333 USA  
PHONE +1 330 869-4323  
FAX +1 330 869-4338  
CUSTOMER SERVICE +1 888 253-5454  
EMAIL [pccustserv@omnova.com](mailto:pccustserv@omnova.com)

#### Europe / Middle East / Africa / India

14, avenue des Tropiques  
Z.A. de Courtaboeuf 2 - Villejust  
91955 Courtaboeuf Cedex  
France  
PHONE +33 (0) 1 69 29 27 00  
FAX +33 (0) 1 69 29 27 01

#### Asia

1505 Harbour Ring Plaza  
N° 18 Xi Zang Zhong Road  
200001 Shanghai  
P.R. China  
PHONE +86 (21) 53 85 22 77  
FAX +86 (21) 53 85 37 88

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