



TECHNICAL DATA SHEET

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MS-52-FC Fast Cure Adhesive/Sealant

1. PRODUCT DESCRIPTION:

Ruscoec MS-52-FC is an environmentally friendly, VOC compliant, moisture curing hybrid elastomeric adhesive/sealant. Ruscoec MS-52-FC is designed for primerless adhesion to most common trailer and construction assembly substrates. This product is fast cure, high strength and remains flexible in low temperature extremes. Ruscoec MS-52-FC does not contain solvents or isocyanates. The ease of one-part makes Ruscoec MS-52-FC the perfect choice for both manufacturing and repair. USDA accepted.

2. TECHNICAL DATA:

Specific Gravity	1.38-1.42
Color	White, Gray, Black
Skin Time @ 75°F & 50%RH	Less than 30 minutes
Hardness, Shore A	45-50
Viscosity (cps)	650,000-750,000
Sag	Nil
100% Modulus ASTM D412 *Rate = 2"/minute	200 psi
Tensile Strength ASTM D412	350 psi
Lap Shear Rate = 2"/minute	325 psi
% Elongation	300%
Peel Strength ASTM C794 (steel to stainless steel)	35 pli
Service Temperature Range	-75°F to 350°F
UV Resistance	After 2000 hours UV-A no change in appearance or physical properties (ASTM G26)
VOC Content	14 grams/liter

*Above values are typical values for the material, but not intended for use in specifications. Field conditions may yield different results.

3. **PACKAGING:**
28 fl.oz. cartridges, 5 gallon pails and 55 gallon drums
4. **SURFACE PREPARATION:**
Apply to clean, dry surfaces free of contaminants that can adversely affect adhesion. Remove all old sealant before applying product. Some substrate materials may not be compatible with this product. Testing substrate compatibility with this product before full application is recommended.
5. **PAINTING:**
Cured product may be painted with most industrial & consumer paints. Testing prior to painting is recommended.
6. **STORAGE LIFE:**
For maximum shelf life, store unopened product at or below 80°F.
9 months = cartridges
6 months = 5 and 55 gallon containers
7. **PRECAUTIONS:**
Some applications may not be compatible with this product. Testing suitability for intended application before proceeding with full application is recommended. Use with adequate ventilation. Inhalation of vapor during application and cure may cause slight eye or throat irritation. In case of contact with eyes, lips, or mouth, flush thoroughly with water. If irritation persists, consult a physician. Avoid repeated, prolonged contact with skin. See SDS for additional information. **KEEP OUT OF REACH FROM CHILDREN.**
8. **TECHNICAL SERVICE:**
Ruscoe technical representatives are always available to provide assistance. Please contact our Technical Service Department with your questions or requests for specific applications.
9. **LIMITED WARRANTY:**
Any goods proven defective will be replaced or the purchase price refunded. The limited warranty described herein is in lieu of any other warranty, expressed or implied, including any implied warranty of merchantability or fitness for a particular use. The user shall determine suitability of the product for its intended use. Liability for any incidental or consequential damage or loss is excluded. The user assumes all risks of the product's use, handling and storage.

All statements, technical information and recommendations contained herein are based on tests believed to be reliable, but the accuracy or completeness thereof is not guaranteed, and the following is made in lieu of all warranties expressed or implied.

Seller's and manufacturer's only obligation shall be to replace such quantity of the product proved to be defective. Neither seller nor manufacturer shall be liable for any injury, loss or damage, direct or consequential, arising out of the use of, or the inability to use the product. Before using, user shall determine the suitability of the product for their intended use and user assumes all risk and liability whatsoever in connection therewith.

The foregoing may not be changed except by an agreement signed by officers of seller or manufacturer.

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