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SM5229

Tacky Tape[®] Industrial Tape Sealant



PRODUCT NAME:

SM5229 Tacky Tape[®] Industrial Tape Sealant

MANUFACTURER:

Schnee-Morehead, Inc. Please refer to the reverse side of this sheet for the listing of the manufacturing facility.

PRODUCT DESCRIPTION:

Tacky Tape[®] SM5229 is a 100% solids, asbestos-free butyl tape sealant designed to seal lap-type joints encountered in many industrial fabrication details. It is easy to apply and compress during installation. It exhibits excellent resistance to water, extremes in temperature and atmospheric contamination.

BASIC USES:

Tacky Tape[®] SM5229 is used to seal and prevent the entry of dust, air and moisture through details found in HVAC systems, agricultural equipment, sheet metal assemblies, flashing and marine details where a moldable gasket-like seal for hardware is required.

LIMITATIONS:

Not Recommended for:

- a. Joints that will be subject to continuous water submersion.
- b. Joints that are not mechanically fixed.

APPLICATION LIMITATIONS:

Do not apply tape sealant to contaminated, wet or frost bearing surfaces.

TECHNICAL DATA:

Test indicate that Tacky Tape[®] SM5229 Tape Sealant exhibits resistance to ultraviolet and infrared radiations, precipitation, atmospheric hydrocarbon contamination and extremes in temperature. Shelf life is eighteen (18) months when

TYPICAL PROPERTIES		
Characteristic	Result	Test Method*
Specific Gravity	1.48	ASTM D 792
Percent Solids	100%	SM Lab Determination
% Elongation	200% min.	ASTM C 908
Sag	None	AAMA 800
Water Resistance	Pass	AAMA 800
Hardness (Shore 00)	60 to 70	AAMA 800
Vehicle Migration	Pass <1/8" (<3.175mm)	AAMA 800
Crazing To Acrylic Plastics	None	MIL-S-11030C
Cone Penetration (0.1 mm) @ 77°F (25°C)	85-105	ASTM D 217 300 Gram Cone (5 Seconds)
Service Temperature Range	-25° to 180°F (-32° to 82°C)	SM Lab Determination
Application Temperature Range	0° to 120°F (-18° to 49°C)	SM Lab Determination
Yield Strength Psi (KPa)	8 (55)	ASTM C 908
Color	Gray	Visual Determination
Odor	None	SM Lab Determination
Weatherability QUV, 340A Lamps 1000 Hours	Excellent No Cracking No Chalking No Wash-off No flow (Sag)	SM Lab Determination
*ALL TEST METHODS ARE THE MOST RECENTLY PUBLISHED VERSIONS.		

stored in a dry place where temperature does not exceed 100°F (38°C).

INSTALLATION:

Optimally, a clean dry uncontaminated surface is desired to obtain intimate adhesion.

Position tape sealant on required seal area with backing paper on top. Using a smooth even hand motion, press the tape to the surface to make intimate contact without distorting the tape sealant. Avoid lapping of tape by butt joining tapes at transition points. Remove backing

paper prior to mating adjoining surface and fastening. **IF THIS TAPE SEALANT IS IN DIRECT CONTACT WITH ANY OTHER SEALANT OR ELASTOMER, A COMPATIBILITY TEST MUST BE CONDUCTED PRIOR TO USE.**

SM5229 is compatible with the following Schnee-Morehead products:

- Acryl-R[®] Sealant SM5522
- SM5430 Non-Drying Sealant
- Acryl-R[®] Narrow-Joint Sealant SM5504
- SM7100 Permthane[®] Polyurethane Sealant
- SM7108 Permthane[®] Polyurethane Sealant
- SM5731 Poly-Glaze[™] Silicone Sealant

The suitability of this product, for each intended use, must be determined by the purchaser or user prior to acceptance. Typically, solvent base sealants will soften butyl tape sealants upon contact. This is a short term effect until the solvent has evaporated, and no long term effects on performance properties of the tape sealant are anticipated.

PRETEST FOR ADHESION:

Pretest for adhesion is intended to eliminate potential field problems by testing SM5229 Tacky Tape® Sealant with samples of material surfaces on which it will be applied. This testing will aid in determining the proper surface preparation, if any, that will be necessary prior to tape sealant application.

SPECIFICATION COMPLIANCE:

Tacky Tape® SM5229 meets and exceeds the test requirements of:

U.L.-723, ASTM E 84, Flame Spread 5, Smoke Density 5, National Fire Protection Association – Class A

Uniform Building Code – Class 1

U.L. Approval for SM5229 has been granted on sizes up to and including 3/4" width x 1/4" thick.

AVAILABILITY AND COST:

Tacky Tape® SM5229 Tape Sealant is available in a variety of sizes. Please contact Schnee-Morehead for additional information. Names of distributors and agents are available through Schnee-Morehead.

MAINTENANCE:

No maintenance should be needed.

CONDITIONS OF SALE AND LIMITATIONS OF WARRANTIES:

All Schnee-Morehead products and materials are sold subject to the terms and conditions set forth in the technical data sheet, invoice, order acknowledgement and/or bill of lading. All statements, technical information and recommendations regarding such products are based on tests and examinations believed to be reliable, but Schnee-Morehead, Inc. neither guarantees nor warrants their accuracy or completeness.

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Complete technical information is available from Schnee-Morehead.

For technical assistance, customer service, and general information, please call **1-800-TRUST SM.**

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