

PSA-1170

Pressure sensitive silicone adhesive

DESCRIPTION

- One-part, non-curing, pressure sensitive adhesive

APPLICATION

- For temporarily adhering to various substrates including: metals, glass, silicone, and organic rubbers

PROPERTIES

Typical Properties	Average Result	Standard	NT-TM
Uncured:			
Appearance	Translucent	ASTM D2090	002
Viscosity	250 cP (250 mPas)	ASTM D1084, D2196	001
Non-Volatile Content	50%	ASTM D2288	004
Cured: 90 minutes AT 150°C (302°F)			
Release Force of PSA	10 ppi (1.8 kN/m)	ASTM D1876	085
PSA Blunt Probe Tack Test	1.5 lbs (6.7 N)	ASTM D2979	122

Properties tested on a lot-to-lot basis. Do not use the properties shown in this technical profile as a basis for preparing specifications. Please [contact](#) NuSil Technology for assistance and recommendations in establishing particular specifications.

INSTRUCTIONS FOR USE

Prior to application, thoroughly clean substrates to obtain maximum adhesion. Apply liberally to both substrates and allow the solvent to evaporate before making contact.

Removal

The following solvents are suggested to remove adhesive: Isopropyl Alcohol, Ethyl Acetate, Toluene, or Hexane.

Caution

PSA-1170 is supplied in flammable solvents. Consult the MSDS for safety precautions and handling before use. Allow solvent to evaporate before adhering or attaching adhesive-coated objects together. Trapped solvent will result in low adhesion properties.

ROHS AND REACH COMPLIANCE

Please [contact](#) NuSil Technology's Regulatory Compliance department with any questions or for further assistance.

SPECIFICATIONS

Do not use the properties shown in this technical profile as a basis for preparing specifications. Please [contact](#) NuSil Technology for assistance and recommendations in establishing particular specifications.

WARRANTY INFORMATION

The warranty period provided by NuSil Technology LLC (hereinafter "NuSil Technology") is 12 months from the date of shipment when stored below 40°C in original unopened containers. Unless NuSil Technology provides a specific written warranty of fitness for a particular use, NuSil Technology's sole warranty is that the product will meet NuSil Technology's then current specification. NuSil Technology specifically disclaims all other expressed or implied warranties, including, but not limited to, warranties of merchantability and fitness for use. The exclusive remedy and NuSil Technology's sole liability for breach of warranty is limited to refund of purchase price or replacement of any product shown to be other than as warranted. NuSil Technology expressly disclaims any liability for incidental or consequential damages.

Packaging

2 Ounce (59 mL)
1 Pint (400 g)
1 Gallon (3.4 kg)
5 Gallon (17.0 kg)
1 Drum (180 kg)

Warranty

12 Months

WARNINGS ABOUT PRODUCT SAFETY

NuSil Technology believes, to the best of its knowledge, that the information and data contained herein are accurate and reliable. The user is responsible to determine the material's suitability and safety of use. NuSil Technology cannot know each application's specific requirements and hereby notifies the user that it has not tested or determined this material's suitability or safety for use in any application. The user is responsible to adequately test and determine the safety and suitability for their application and NuSil Technology makes no warranty concerning fitness for any use or purpose. NuSil Technology has completed no testing to establish safety of use in any medical application.

NuSil Technology has tested this material only to determine if the product meets the applicable specifications. (Please [contact](#) NuSil Technology for assistance and recommendations when establishing specifications.) When considering the use of NuSil Technology products in a particular application, review the latest Material Safety Data Sheet and [contact](#) NuSil Technology with any questions about product safety information.

Do not use any chemical in a food, drug, cosmetic, or medical application or process until having determined the safety and legality of the use. The user is responsible to meet the requirements of the U.S. Food and Drug Administration (FDA) and any other regulatory agencies. Before handling any other materials mentioned in the text, the user is advised to obtain available product safety information and take the necessary steps to ensure safety of use.

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