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MED1-1356

Pressure sensitive silicone adhesive

DESCRIPTION

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

— Supplied in ethyl acetate

— Non-irritating to skin

APPLICATION

— For strong temporary adhesion

— Use for medical applications such as tapes, medical adhesive devices, hair replacement adhesives, and special effect adhesives

NuSil® MED1-1356 shall not be considered for use in human implantation for a period of greater than 29 days.

PROPERTIES

Typical Properties	Average Result	Standard	NT-TM
Uncured:			
Viscosity	300 cP (300 mPas)	ASTM D1084, D2196	001
Appearance	Translucent	ASTM D2090	002
Non-Volatile Content	50 %	ASTM D2288	004
Tack Test	1.7 lbs (7.5 N)	ASTM D2979	219
Cured: 30 minutes at 70°C (158°F)			
180° Peel Strength	3.75 ppi (0.7 kN/m)	ASTM D903	163
Cured: 24 hours minimum at ambient temperature and humidity. 15 minutes at 150°C (302°F)			
Tissue Culture (Cytotoxicity Testing)	Pass	USP <87> ISO 10993-5	061

The test data shown for this material is the average value for typical properties. All of these properties may not be tested on a lot to lot basis and cannot be used to draft specifications. Please contact NuSil for assistance and recommendations in establishing limits for product specifications.

INSTRUCTIONS FOR USE

Prior to application, thoroughly clean substrates to obtain maximum adhesion. Apply liberally to the substrate 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

Allow solvent to evaporate before adhering or attaching adhesive-coated objects together. Trapped solvent will result in low adhesion properties and may cause temporary discomfort due to skin irritation caused by mechanical abrasion of the skin surface. Avoid contacts with eyes and mucous membrane.

Packaging	Warranty
2 Ounce (0.045 kg)	12 Months
1 Pint (0.400 kg)	
1 Gallon (3.4 kg)	
5 Gallon (17.0 kg)	
1 Drum (180 kg)	

FDA MASTER FILE

A Master File for MED1-1356 has been filed with the U.S. Food and Drug Administration. Customers interested in authorization to reference the Master File must contact NuSil.

REACH COMPLIANCE

Please contact NuSil's Regulatory Compliance department with any questions or for further assistance.

SPECIFICATIONS

Do not use the typical properties shown in this technical profile as a basis for preparing specifications. Please contact NuSil for assistance and recommendations in establishing limits for product specifications.

WARRANTY INFORMATION

The warranty period provided by NuSil Technology LLC is 12 months from the date of shipment when stored below 40°C in original unopened containers. Unless NuSil provides a specific written warranty of fitness for a particular use, NuSil's sole warranty is that the product will meet NuSil's then current specification. NuSil 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'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 expressly disclaims any liability for incidental or consequential damages.

WARNINGS ABOUT PRODUCT SAFETY

NuSil 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 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 makes no warranty concerning fitness for any use or purpose. NuSil has completed no testing to establish safety of use in any medical application.

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

PATENT / INTELLECTUAL PROPERTY WARNING

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