



MS1937

H.B. Fuller® MS1937 is a high quality, one-component adhesive/sealant based on MS-Polymer Chemistry. MS1937 is suitable for elastic seal where high strength is required.

MS1937 demonstrates good adhesion to many unprimed substrates and good UV resistance. MS1937 can be used for both interior and exterior applications.

Technology / Base	MS Polymer
Type of Product	MS Adhesive/Sealant
Components	One Part
Curing	Moisture Cure
Appearance / Color	Black, White, Grey
Consistency	Thixotropic Paste

Features and Benefits

- Outstanding weather and aging resistance
- Good adhesion to a variety of materials including glass, aluminum and composites
- Primerless adhesion on many substrates
- Color Stable and UV Resistant
- Ecological advantages – free of isocyanates, solvents, Halogens and PVC

Technical Data

Physical Property	Value	Condition/Method
Rheology		
Viscosity	Thixotropic Paste	
Density		
Specific Gravity	1.45	
Uncured Material Characteristics		
Tack Free Time	12 min	
Full Cure Time	24 hr ≥ 4mm	
Cured Material Performance		
Thermal Service Range	-40 to 100°C (Limited 120°C Durations)	
Hardness	55 Shore A	ASTM D2240
Elongation to Break	200%	ISO7619, GB/T531, 23±2°C 50% RH
Tensile Strength	3.0 MPa	ISO7619, GB/T531, 23±2°C 50% RH

Test Sample Conditions: 2mm Thickness, Cured at 23±2°C, 50±5%RH for 14 days. Tested at 23±2°C



Typical Applications

- Elastic bonding of metals and plastics.
- Elastic, interior and/or exterior seam and joint sealing

Some of the common applications areas: vehicle body, caravan, railway carriage, container, general metal and apparatus construction; the electrical, plastics, air-conditioning and ventilation industries

Curing Conditions

Cure speed will vary with temperature, relative humidity, depth of material and presence of moisture. Some applications may require special surface preparation. At 23±2°C, 50±5% relative humidity, typical cure depth is 2mm in 24 hours. Requires more time to cure in colder or lower humidity conditions. Contact

Storage and Shelf Life

MS1937 should be stored in a cool, dry place with a temperature range of 8 °C to 28 °C. Shelf life is a minimum of one year in unopened containers when stored at 25 °C.

General Instructions

- For best performance bond surfaces should be clean, dry and free of any contaminants and oils.
- Material is applied on the surface areas with hand or air pressure pistols. In the case of compressed air application, a pressure of (0.2-0.4) MPa is required.
- After application, STP1921 can be smoothed with soapy water.

Note

The values noted in this data sheet are typical properties only and are not intended to be used as material specifications. For assistance in writing a material specification, please contact H.B. Fuller Company for further details.

Ordering Information

310 ml cartridges, 400 ml sausage, 600 ml sausage, 28 kg pails, and 190 kg drums

Safety and Disposal

For complete safety and handling information, please refer to the appropriate Safety Data Sheets prior to using this product.

H.B. Fuller Company,
Beijing Tonsan Adhesive Co., LTD.
5 Shuangyuan Rd.
Badachu High-Tech Zone
100041, Beijing, China

Date Modified: 13 March 2020

www.hbfuller.com

www.hbfullerengineering.com

IMPORTANT: Information, specifications, procedures and recommendations provided ("information") are based on our experience, and we believe this information to be accurate. No representation, guarantee or warranty is made as to the accuracy or completeness of the information or that use of the product will avoid losses or damages or give desired results. It is purchaser's sole responsibility to test and determine the suitability of any product for the intended use. Tests should be repeated if materials or conditions change in any way. No employee, distributor or agent has any right to change these facts and offer a guarantee of performance.

® and ™ are trademarks of H.B. Fuller Company or one of its affiliated entities.



NOTE TO USER: by ordering/receiving product, you accept the H.B. Fuller General Terms and Conditions of Sale applicable in the region. Please request a copy if you have not received this documentation. These Terms and Conditions contain disclaimers of implied warranties (including but not limited to disclaiming warranties of fitness for a particular purpose) and limits of liability. All other terms are rejected. In any event, (1) the total aggregate liability of H.B. Fuller for any claim or series of related claims, however arising, in contract, tort (including negligence), breach of statutory duty, misrepresentation, strict liability, or otherwise, is limited to replacement of affected products or refund of the purchase price for affected products. (2) H.B. Fuller shall not be liable for loss of profit, loss of margin, loss of contract, loss of business, loss of goodwill, or any indirect or consequential losses arising out of or in connection with product supply. (3) Nothing in any term shall operate to exclude or limit H.B. Fuller's liability for fraud, gross negligence, death, or personal injury caused by negligence, or for breach of any mandatory implied terms unless permitted by law.

H.B. Fuller
www.hbfuller.com

©H.B. Fuller Company, 2018