

LOCTITE[®] LOCTITE INITIATOR[®] NO.1

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Description:

Loctite Initiator No. 1 is an initiator formulated for use with Loctite Structural Acrylic Adhesives. The initiator is solvent free hence no drying time is required and parts can be bonded immediately after the initiator is applied to the bonding surface.

Physical Properties:

Colour	amber to light-brown
Viscosity ¹⁾ , cPs	max 60
Flash Point, °C	>149
Specific Gravity, g/cm ³	0.9765(25°C)
On-Part Life, minutes	30
Handling Time, minutes (with F246, 23°C) ²⁾	<5

¹⁾ 25°C, Utube; ²⁾ BMS test pieces, for a bond line of 0.07mm

Directions for use:

For best results, a thin even coating of initiator should be applied. The use of excess initiator will reduce the bond strength. Initiator No. 1 can be sprayed, brushed or wiped onto parts and can be applied easily both manually or with dispensing equipment. Unreacted initiator can be cleaned up using acetone, alcohol or MEK. The initiator may contribute to stress cracking in certain plastic substrates, compatibility should be checked in each individual case. An increase in the bond line thickness may increase the handling time and may decrease the strength.

Storage & handling:

Please refer to the Material Safety Data Sheet (MSDS) for full information and safe handling of the initiator. Users are reminded that all materials, whether innocuous or not, should be handled according to the principles of good industrial hygiene.

When stored in the original unopened containers at or below 25°C, the shelf life of this product is 24 months. Keep containers in a cool place away from sparks, flame, excessive heat and sunlight. Do not freeze.

Loctite Initiator No. 1 and Flexon Adhesive should not be mixed in large quantities, as a vigorous chemical reaction will occur generating a significant amount of heat and vapours

The information given and the recommendations made herein are based on our research and are believed to be accurate but no guarantee of their accuracy is made. In every case we urge and recommend that purchasers before using any product in full scale production make their own tests to determine to their own satisfaction whether the product is of acceptable quality and is suitable for their particular purpose under their own operating conditions. The products discussed herein are sold without any warranty, expressed or implied. No representative of ours has any authority to waive or change the foregoing provisions but, subject to such provisions, our engineers are available to assist purchasers in adapting our products to their needs and to circumstances prevailing in their business. Nothing contained herein shall be construed to imply the non-existence of any relevant patents or to constitute a permission inducement, or recommendations to practice any invention covered by any patent without authority from the owner of the patent.