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TECHNICAL DATA SHEET

Thread Locking Compound

TURBO-LOCK SERIES 20 is a fast curing, **BLUE**, low strength, thread locker for bonding and sealing small plastic fasteners. It is highly resistance to heat, vibrations, water, gases, oils, hydrocarbons and many chemicals.

Application

Will join fitted cylindrical small plastic screws and bolts.

Physical Properties

| <u>Description</u> | <u>Specification</u> |
|--|----------------------|
| Composition | Ethyl Cyanoacrylate |
| Color | Blue |
| Viscosity @ 25 °C, | 80 |
| Specific Gravity | 1.05 |
| Maximum Diameter of Thread/Gap Filling | ¼" |
| Flash Point | 180 °F |
| Shelf Life | 1 year |
| Solubility | Turbo Debonder |

Curing Properties

| <u>Description</u> | <u>Specification</u> |
|-------------------------------|------------------------------|
| Handling Cure Time | 1.5 minutes |
| Functional Cure Time | 3 minutes |
| Full Cure Time | 24 hours |
| Hardness Barcol | 65 |
| Dielectric Constant at 1 MHz. | 3.33 |
| Specific Resistance | 8.6 X 10 ² ohm/cm |
| Temperature Range | -65 to 180 °F |

PRECAUTIONS: This product and the auxiliary materials normally combined with it are capable of producing adverse health effects ranging from minor skin irritation to serious systemic effects. None of these materials should be used, stored, or transported until the handling precautions and recommendations as stated in the Material Safety Data Sheets (MSDS) for this and all other products being used are understood by all persons who will work with the.

Warranty: All products purchased from or supplied by Palm Labs Adhesives are subject to terms and conditions set out in the contract. Palm Labs Adhesives warrants only that its product will meet those specifications designated as such herein or in other publications. All other information supplied by Palm Labs Adhesives is consider accurate but are furnished upon the express condition the customer shall make its own assessment to determine the product's suitability for a particular purpose. Palm Labs Adhesives makes no other warranty, either express or implied, including those regarding such other information, the data upon which the same is based, or the results to be obtained from the use thereof; that any product shall be merchantable or fit for any particular purpose; or that the use of such other information or product will nor infringe any patent.

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