Safety Information for GORE® TENARA® Sewing Thread – TR Style Clear and Standard Colors: Black, Chesapeake Bay Blue, Forest Green, Grey, Light Grey, Red, White, Yellow, Sandstone and Navy Blue

Description: GORE® TENARA® Sewing Thread – TR Style consists of expanded polytetrafluoroethylene (ePTFE) filament that has been lubricated with a very small percentage of silicone wax. The silicone wax thread finish helps to provide lubricity during the sewing operation. The silicone wax thread finish is a standard copolymer system that is ideally suited as a finish for many synthetic thread types. The ePTFE thread is not degraded by exposure to solar ultraviolet radiation, cleaning agents, harsh chemicals, saltwater, and temperature extremes. The thread is designed for sewing articles exposed to the outdoor elements. Such articles include awnings, shade covers, upholstery, pool covers, and tarpaulins, also including marine awnings, marine upholstery, and marine enclosures.

Regulatory Information: GORE® TENARA® Sewing Thread – TR Style is supplied as a spool and meets the definition of an article in the United States, per OSHA Regulation 29 CFR 1910.1200(b)(6)(v) during normal intended use, and as described in EC Regulation 1907/2006/EC and in Japanese Industrial Standards (JIS) Z7252. For that reason, a SDS is not required. It is non-hazardous in its original form and when applied according to Gore recommendations.

Application: GORE® TENARA® Sewing Thread – TR Style is intended to be used by customers to provide durable sewing thread for outdoor fabric product construction.

Risks and Usage Recommendations: Performing a safety review before processing this material is recommended. Material processed using high speed equipment may leave some filament residue on the process equipment. The residue can be wiped or vacuumed using conventional vacuuming equipment. Use of compressed air is not recommended. If the material is being cut or removed using burning, grinding, or elevated temperature processes or if it is involved in a fire, hazardous decomposition by-products may form. Inhalation of fumes from overheating or burning of this product may cause health impacts such as polymer fume fever, a flu-like illness with chills and fever. Do not heat over 288 °C (550 °F) and avoid burning, grinding, and melting of the product. For threads containing silicone wax, avoid heating the material above 150 °C (302 °F).

Control Measures: The risks from exposure to decomposition by-products can be reduced if standard practices are used. These practices include:

1. Avoid burning, grinding, high temperature cutting or melting of the product without the use of effective local exhaust ventilation and/or personal protective equipment. Avoid heating this product over 288 °C (550 °F). For threads containing silicone wax, avoid heating the material above 150 °C (302 °F).
2. Use wet-wiping or vacuum systems to clean affected areas of filament residue; do not use compressed air.
3. The product is not likely to be hazardous by skin contact but cleansing the skin after use is advisable. Avoid contamination of smoking products with dust from this material.
4. Dispose of according to local, state, national, and international regulations.

The information provided in this document corresponds to Gore's current knowledge as of the date issued. It is the responsibility and the legal obligation of the user to define and implement a suitable and sufficient risk assessment that considers all locally valid regulations and safety measures before using GORE® TENARA® Sewing Thread – TR Style. Information in this document may be subject to revision as new information becomes available. Gore cannot anticipate all variations in actual use conditions of GORE® TENARA® Sewing Thread – TR Style, and therefore, makes no warranties and assumes no liability in connection with any use of this information. User agrees to use the GORE® TENARA® Sewing Thread – TR Style only for purposes that are proper and in accordance with all applicable laws, rules, and regulations.

W. L. Gore & Associates, Inc.
GORE Performance Solutions Division
100 Airport Rd
Elkton, MD 21922, USA
gore.com