

1. GENERAL INFORMATION

EMERGENCY CONTACTS

Call Chemtrec: USA: 1-800-424-9300 International: (703) 527-3887

Section 1. Product and Company Information

 Product Name:
 TWF-18™

 Manufacturer:
 TK PRODUCTS

 11400 W. 47th Street Minnetonka, MN 55343 USA

 Phone:
 800-441-2129

 Fax:
 952-938-8084

 Chemical Family:
 Stainless steel fabric flashing with thermoplastic hot melt adhesive

MSDS Prepared: 05/01/13 MSDS Prepared by: TK PRODUCTS

2. HAZARDS IDENTIFICATION

No PEL exists for this product.

This laminate has not been tested as a whole but has been analyzed for chemical composition. Avoid inhalation of copper dust and any fumes generated at extremely elevated temperatures or when the product is ignited.

3. COMPOSITION/INGREDIENT INFORMATION

Chemical Family: Stainless steel fabric flashing with thermoplastic hot melt adhesive

Components:

Stainless Steel:	< 85 wt.%
Polymer Non-woven:	< 10 wt.%
Hot Melt Adhesive:	< 5 wt.%
Polypropylene:	< 10 wt.%

Components: Non hazardous

CAS No.: n/a

Concentration: n/a

4. FIRST AID MEASURES

- Eye: If hot, flush with cool water. Treat as wax or resin burn. Do not attempt to remove solidified adhesive. Get medical attention immediately. As supplied, remove as foreign body. Remove particles by irrigating with eye wash solution or clean water, holding the eyelids apart.
 Skin Contact: For hot product, immediately immerse in or flush affected area with large amounts of cold water to dissipate heat. Cover with clean cotton sheeting and get prompt medical attention. Wash skin with soap and water. If symptoms develop, obtain medical assistance.
 Inhalation: Remove to fresh air. If breathing is difficult, give oxygen. If breathing has stopped, give artificial respiration. Get medical attention.
- Ingestion: Treat symptomatically and supportively. Get medical attention.



5. FIRE FIGHTING MEASURES

Flash Point: N/A Flammable Limits: LEL: N/A UEL: N/A

Dry sand or metal extinguishing powders. **Exinguishing Media:** Special Fire Fighting Procedures: Wear NIOSH/MSHA approved SCBA and full protective equipment (FP N). Standard procedures for class A fires. Fine dust may explode in presence of strong ignition sources. Unusual Fire and Explosion Hazards:

6. ACCIDENTAL RELEASE MEASURES

No data available.

7. HANDLING AND STORAGE

No data available.

8. EXPOSURE CONTROL AND PERSONAL PROTECTION

Wear NIOSH/MSHA approved SCBA and full protective equipment (FP N).

9. PHYSICAL AND CHEMICAL PROPERTIES

Flash Point: Specific Gravity (H ₂ O=1): Vapor Pressure (mm Hg @ 68°F): Vapor Density (Air=1): Melting Point:: Evaporation Rate (Butyl Acetate=1): Solubility in Water: Appearance:	 > 500°F 8.8 – 8.9 N/A > 200°F N/A Insoluble Laminate assumes color of reinforcement material; black, gray, red or tan.
Appearance:	Laminate assumes color of reinforcement material; black, gray, red or tan.
Odor:	Odorless

10. STABILITY AND REACTIVITY

No data available.

11. TOXICOLOGICAL INFORMATION

No data available.



TWF-18[™] MATERIAL SAFETY DATA SHEET

12. ECOLOGICAL INFORMATION

No data available.

13. DISPOSAL CONSIDERATIONS

No data available.

14. TRANSPORT INFORMATION

No data available.

15. REGULATORY INFORMATION

No data available.

16. OTHER INFORMATION

TWF-18 is a trademark of TK PRODUCTS.

17. DISCLAIMER

The information contained herein is, to the best of our knowledge and belief, accurate and current as of the date of this MSDS. However, since the conditions of handling and use are beyond our control, we make no guarantee of results and assume no liability for damages incurred by use of this material. All chemicals may present unknown health hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards which exist. Final determination of suitability of the chemical is the sole responsibility of the user. No representation or warranties, either expressed or implied, as to its correctness or completeness, or as of merchantability, fitness for a particular purpose, or any other nature are made hereunder with respect to the information contained herein or the chemical to which the information refers or as to the results or reliance of this product. It is the responsibility of the user to comply with all applicable federal, state and local laws and regulations.