

1. GENERAL INFORMATION

EMERGENCY CONTACTS

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

Section 1. Product and Company Information

Product Name: **SS FLASHING™**
Manufacturer: TK PRODUCTS
11400 W. 47th Street Minnetonka, MN 55343 USA
Phone: 800-441-2129
Fax: 952-938-8084

Chemical Family: Stainless steel with thermoplastic hot melt adhesive

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

2. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

Non-hazardous at room temperature. Hazardous only when heated. Yellow solid; negligible odor

Eye: *As supplied:* irritant as a foreign body. *As used:* severe thermal hazards
Skin Contact: Exposure to hot material may cause thermal burns.
Inhalation: Vapors and/or aerosols which may be formed at elevated temperatures may be irritating to eyes and respiratory tract. Unlikely to be hazardous by inhalation because of the low vapor pressure of the material at ambient temperature.
Ingestion: Low oral toxicity.

3. COMPOSITION/INGREDIENT INFORMATION

Chemical Family: Stainless steel with thermoplastic hot melt adhesive

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

Autoignition:	N/A
Flash Point:	> 500°F (Cleveland Open Cup)
Extinguishing Media:	CO ₂ ; Dry Chemical
Special Firefighting Procedures:	No special procedures are required.
Fire & Explosion Hazards:	Non-combustible
Hazardous Combustion Products:	Carbon Monoxide, Carbon Dioxide, unknown hydrocarbons
Lower Explosion Limit (%):	N/A
Upper Explosion Limit (%):	N/A
Flammability Hazard Class:	1= slight

6. ACCIDENTAL RELEASE MEASURES

Spill and leak procedures: Allow to cool and solidify. Scrape up and collect into suitable containers for disposal.

For safety and environmental precautions, please review entire Material Safety Data Sheet for necessary information.

7. HANDLING AND STORAGE

Storage Temperature:	0 -100°F
Handling/Storage:	Store in a cool, dry area. Precaution: this product should only be heated to recommended temperatures. Hazards of pyrolysis products emitted are unknown and may be hazardous to health.
Sensitivity to static electricity:	No
Sensitivity to mechanical impact:	No

8. EXPOSURE CONTROL AND PERSONAL PROTECTION

Ventilation Requirements:	General exhaust to avoid accumulation of vapors near ceilings. Local exhaust over glue chamber.
Eye Protection Requirement:	Safety glasses, goggles or face shield to protect against splashing.
Glove Requirement:	Thermally resistant gloves should be worn.
Clothing Requirements:	Use long-sleeved, long-legged clothing
Wash Requirements:	Wash before eating, drinking or using toilet facilities.
Respirator Requirements:	No respirator protection is recommended while working with this material. However, if operating conditions create high vapor or mist concentration, use of an approved respirator is recommended.

9. PHYSICAL AND CHEMICAL PROPERTIES

Pure Substance or Mixture:	Mixture
Physical Form:	Solid
Color:	White/transparent
Odor:	Negligible
Odor Threshold:	N/A
PH as is:	N/A

PH in 1% solution:	N/A
Oxidizing Properties:	N/A
Boiling Point:	> 650°F
Melting Point:	200°F
Freezing Point:	N/A
Solubility in Water:	Insoluble
Partition Coefficient:	N/A
Specific Gravity (water=1):	1.29
Bulk Density:	
Evaporation Weight:	Nil
Vapor Pressure (mmHg):	Nil @ 20°C
Vapor Density (air=1):	Nil
Volatiles:	Nil
Volatile Organic Compounds:	Nil
Autoignition:	N/A
Flash Point:	> 500°F (Cleveland Open Cup)

10. STABILITY AND REACTIVITY

Stability:	Stable
Reactivity Hazard Class:	0=stable
Hazardous Decomposition Products:	Carbon Monoxide, Carbon Dioxide, unknown hydrocarbons

11. TOXICOLOGICAL INFORMATION

Route of Entry: Skin contact, eye contact, inhalation

Chronic (Long Term) Effects of Exposure

Effects of Chronic Exposure: Although this product has not been tested for chronic effects, it is judged as having a low order of toxicity based on component information. Use of good industrial hygiene practices is recommended.

Target Organs: Eyes, skin, respiratory system
Carcinogen: No

12. ECOLOGICAL INFORMATION

Potential to Bioaccumulate: Unknown
Aquatic Toxicity: None established

13. DISPOSAL CONSIDERATIONS

Waste Disposal Methods: Disposal should be in accordance with local, state, or national legislation.
Empty Container Warning: Empty containers may contain product residue; follow MSDS and label warnings even after they have been emptied.

14. TRANSPORT INFORMATION

This section provided for general information only.
For non-bulk shipping only. For more complete Transportation Regulatory information, please refer to the shipping documents accompanying the shipment of the product.

DOT Classification: Not noted

The information provided herein may not include the impact of additional regulatory requirements (e.g. for materials meeting the definition of a hazardous waste under RCRA, hazardous substances under CERCLA, and/or marine pollutants under CWA or similar federal, state or local laws) or any associated exceptions or exemptions under regulations applicable to the transport of this material.

15. REGULATORY INFORMATION

USA

TSCA: All components are on the TSCA inventory.

SARA/Title III	CAS Number	Concentration (%)
Contains no substances at or above the reporting threshold under Section 313		

16. OTHER INFORMATION

SS FLASHING 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.