

1. GENERAL INFORMATION

EMERGENCY CONTACTS

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

Section 1. Product and Company Information

Product Name:	SUPER SEAL PE™ (TK-2204)	TK PRODUCTS 11400 W. 47 th Street Minnetonka, MN 55343 U.S.A. Phone: 800-441-2129 Fax: 952-938-8084
Chemical Family:	Mixture	
Product Use:	Sealant	
MSDS Prepared:	05/01/13	
MSDS Prepared by:	TK PRODUCTS	

2. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

Human Effects and Symptoms of Exposure

Hazardous Classification: Potential Irritant
Routes of Entry – Dermal contact, eye
Acute Eye Contact – Direct contact can cause severe irritation.
Acute Skin Contact – Direct contact may cause slight irritation.
Skin Absorption – Not Toxic.
Acute Inhalation – Product is extremely low in volatility and therefore not likely to pose a problem from inhalation.
Acute Ingestion – May be harmful if ingested, not a likely route of entry.
Chronic Effects of exposure – No chronic effects known.
Medical Conditions Aggravated by exposure – Preexisting skin and eye disorders may be aggravated by direct contact.
Carcinogenicity – There are no components in this product that are listed as a carcinogen.

HMIG

Health: 1
Flammability: 0
Reactivity: 0
Protective
Equipment: B

3. COMPOSITION/INGREDIENT INFORMATION

HAZARDOUS INGREDIENTS

<u>Ingredient Name</u>	<u>CAS Number</u>	<u>Concentration</u>
Amino Silane	1760-24-3	1 – 3%

4. FIRST AID MEASURES

First Aid For Eyes – Flush with large amounts of water for at least 15 minutes. Consult a physician if ill effects or irritation occurs.
First Aid For Skin – Clean product from affected area with Ethyl alcohol, then wash with soap and water.
First Aid for Inhalation – An unlikely route of entry. Remove to fresh air. Consult a physician.
First Aid For Ingestion – An unlikely route of entry. Consult a physician.

5. FIRE FIGHTING MEASURES

Special Fire Fighting Instructions – None. Full emergency equipment with self – contained breathing apparatus and full protective clothing should be worn by firefighters.
 Extinguishing Media – Water, CO₂, Dry Chemical, Foam.
 Unusual Fire and Explosion Hazards – None.
 Flashpoint – Not applicable.
 Upper Flammable Limit – Not applicable.
 Lower Flammable Limit – Not applicable.
 Autoignition temperature – Not applicable.
 Sensitivity to Impact – Not applicable.
 Sensitivity to Static Discharge – Not applicable.
 Hazardous Combustion Products – Thermal decomposition may produce toxic fumes of Carbon Monoxide, Carbon dioxide, Sulfur oxides and Hydrogen.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions – Use personal protection recommended in section 8. Avoid eye, skin and clothing contact.
 Methods For Cleaning Up – Collect spill with absorbent material such as cardboard, allow to cure and place into a container approved for waste disposal.
 Regulatory Requirements: Follow applicable OSHA regulations (29 CFR 1910.120)

7. HANDLING AND STORAGE

Handling Precautions – Use personal protection recommended in section 8. Avoid eye, skin and clothing contact.
 Storage – Store in a cool dry area (this product polymerizes when in contact with moisture.)
 Prevention of Fires and Explosions: Product is not considered flammable under normal conditions, and product is not considered explosive.

8. EXPOSURE CONTROL AND PERSONAL PROTECTION

Hand Protection – Wear impervious gloves such as vinyl to minimize contact with skin.
 Eye Protection – Wear safety glasses or goggles to avoid eye contact.
 Skin Protection – Wear impervious gloves such as vinyl to minimize contact with skin.
 Environmental Exposure Control – No specific controls are needed.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State.....WaterSolubility: Insoluble
 Odor and appearancePaste, mild mint scent
 Odor Threshold (ppm).....N/A
 pH.....N/A
 Specific Gravity.....N/A
 Density.....10.9 lbs/gal. (calculated)
 Vapor Density (air = 1).....> 1
 Vapor Pressure (mmHg).....< 1
 Freezing/Melting Point.....N/A
 % Volatile.....1.40%
 VOC.....19g/l

Section 9. Physical and Chemical Properties (continued)

Flash Point.....N/A (Tag closed cup)
Flash Point Method.....Based on FP of the most volatile component.
Autoignition Temperature.....N/A
LEL.....N/A
UEL.....N/A

10. STABILITY AND REACTIVITY

Stability – Considered Stable.
Conditions to Avoid – None known
Incompatible Materials – None known.
Hazardous Decomposition Products – Thermal decomposition may produce toxic fumes of CO and/or CO₂.

11. TOXICOLOGICAL INFORMATION

Information below is based on Amino Silane (refer to sections 2.and 3.)

Oral – Result: LD50 > 2,000 mg/kg. Remark: Very low order of toxicity.
Skin Absorption – Result: LD50 > 2,000 mg/kg. Remark: Very low order of toxicity.
Skin Direct contact – Result: Slight irritation.
Eye Direct contact – Result: Severe irritation. Remark: Causes corneal injury.
Inhalation – Result: LC50 Not acutely Toxic.
Exposure Limits – Not applicable.
Sensitization – No.
Reproductive Toxicity – No.
Mutagenicity – No.
Teratogenicity – No
Synergistic Products – None.

12. ECOLOGICAL INFORMATION

No known applicable information

13. DISPOSAL CONSIDERATIONS

If this product as supplied becomes a waste, it does not meet the criteria of a hazardous waste as defined under the Resource Conservation and Recovery Act (RCRA) 40 CFR 261.

This product becomes a firm synthetic rubber when cured. Please allow to cure before disposal.

14. TRANSPORT INFORMATION

Special Shipping Information – None.
DOT – Not regulated.
TDG – Not available.
PIN – Not available.

15. REGULATORY INFORMATION

Rotterdam Convention (PIC) Annex III: listed (Tributyl tin compounds (impurities) < 2ppm)

US Regulatory Information

OSHA 29 CFR 1910-1200 – Irritant.

TSCA – All components of this product are listed on TSCA Inventory.

CERCLA Reportable Quantity – Not applicable.

SARA Title III:

Section 302 Extremely Hazardous Substances – None.

Section 304 – Not applicable.

Section 311/312 – Immediate (acute) health hazard.

Section 313 – None.

RCRA – Refer to section 13.

California Proposition 65 – This product contains no levels of listed substances which the state of California has found to cause cancer, birth defects or other reproductive harm.

WHIMS Classification – D2B

16. OTHER INFORMATION

Prepared in accordance with 29 CFR 1910.1200

This Product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all of the information required by the CPR.

SUPER SEAL PE 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.