



Safety Data Sheet
US HCS, UN GHS, WHMIS 2015

Section 1: Company and Product Identification

1.1. Product Identification:

Product Name: Patch-Pad® Exothermic Weld Protector
Product Code(s): PATPAD16-4X4, PATPAD36-6X6, PATPAD50-5X10

1.2. Product use(s) and applications advised against:

Product use(s): Coating / pad application for small applications on pipelines and other metal structures
Applications advised against: Consult technical data sheet

1.3. Details of the Supplier of the Safety Data Sheet

Company: Trenton Corp.
7700 Jackson Road
Ann Arbor, MI 48103
PH: 734-424-3600
Emergency Response: CHEMTREC (24 hrs): 800-424-9300

Section 2: Hazards Identification

2.1 Classification of the Substance or Mixture

Hazard Category: Non-classified

2.2 GHS Label Elements

Signal Word: Not Applicable
Hazard Pictograms: BLANK BLANK BLANK BLANK
Hazard Statements: Not Applicable
Precautionary Statements: Not Applicable

2.3 Other Hazards Not applicable

Section 3: Composition / Information on Ingredients

3.1 Hazardous Components

Hazardous substance (name)	Hazard Category	CAS#	Weight %
Mineral oil, highly refined	Asp. Tox 1	mixture	<10
titanium dioxide	(see Section 8)	13463-67-7	<5

3.2 Other Information Aspiration toxicity for product is not applicable due to viscosity and/or product form. The oils contained in this product do not contain impurities which would warrant the classification as a carcinogen / mutagen.

Section 4: First Aid Measures

4.1 Description of First Aid Measures

General Info: Ensure proper ventilation during application. Seek medical treatment if any excessive exposures result in symptoms.

If ingested: Rinse mouth. Seek medical attention if symptoms develop. Do not induce vomiting.

If inhaled: Remove to fresh air. Obtain medical attention if respiratory symptoms or other symptoms develop.

Eye contact: Flush eyes with plenty of water for at least 15 minutes. Remove contact lenses if present and easy to do. Get medical attention if irritation develops or persists.

Skin contact: Rinse with soap and water thoroughly. Get medical advice if irritation develops or persists.

4.2 Most Important Symptoms and Effects, Acute and Delayed

Notable Exposure symptoms: No notable exposure symptoms. Excessive skin contact may cause dryness or slight irritation.

Section 5: Fire Fighting Measures

5.1 Extinguishing Media Carbon dioxide (CO₂), dry chemical, foam.

5.2 Special Hazards Arising from Mixture Product will sustain burning. Constituents associated with burning / combustion may be noxious or toxic.

5.3 Advice for Firefighters / Protective equipment Firefighters should wear self-contained breathing apparatus (SCBA) and full protective equipment. Direct water spray may spread fire.

Section 6: Accidental Release Measures

6.1 Personal precautions, protective equipment and procedures: Wear appropriate protective equipment and clothing during clean-up operations. Ventilate area if easy to do so.

6.2 Environmental Precautions: No special precautions.

6.3 Methods and Materials for Containment and Cleanup Product is a solid adhesive pad. Scoop mechanically or absorb with clay or rags as necessary.

6.4 References to Other Sections For personal protection, see section 8 of the SDS. For disposal information, Section 13.

Section 7: Handling and Storage

7.1 Precautions for Safe Handling Do not handle until all safety precautions have been read and understood. Ensure adequate ventilation. Avoid contact with eyes and skin. Avoid prolonged exposure. Wear appropriate personal protective equipment.

7.2 Recommendations for Storage: Store away from strong acids or oxidizing agents. Refer to Section 10.

Section 8: Exposure Control / Personal Protection

8.1 Components with Exposure Control Limits

Substances with Exposure Limit	CAS#	ACGIH-TLV	OSHA-PEL
Mineral oil, highly refined	mixture	5 mg/m ³ (mist)	5 mg/m ³ (mist)

titanium dioxide*	13463-67-7	10 mg/m3	15 mg/m3 (total dust)
*Substances are bound in product matrix as formulated. Exposures to respirable fractions (dusts) during product usage is unlikely. Information is provided here for any potential eventualities.			

8.2 Exposure Controls

Engineering Controls: Ensure proper ventilation in enclosed spaces.

Controls:

Work Clothing: Protective work clothing which covers skin and prevents exposures.

Eye/face protection: No specific eyewear necessary under normal product use.

Skin Protection: Wear oil resistant gloves.

Respiratory Protection: Not required under normal conditions of use. Utilize respirator if airborne levels are not

maintained below exposure limits, or if ventilation is inadequate and high concentrations are present.

Environmental: No special considerations

Exposure Controls:

Additional Information: Observe good chemical hygiene practices. Do not smoke or eat while using this product. Wash

hands or exposed skin after using the product.

Section 9: Physical and Chemical Properties

9.1 Physical/Chemical Properties

State: Solid pad	Melting Point: >400F	Freezing Point: Not avail
Color: white	Boiling Point/Range: Not avail	pH: Not avail
Sp. Grav.: Not avail	Odor: minimal, petroleum-like	Water Solubility: Insoluble
Evaporation rate: Not avail	Flash Point: >150C	Part. Coeff (n-octanol/water): Not avail
Upper Flam Limits: Not avail	Lower Flam Limits: Not avail	Vapor Pressure: Not avail
VOC Content (lbs/gal): Not avail	Viscosity: Not avail	Autoignition Temp: Not avail

9.2 Other Information: No further information.

Section 10: Stability and Reactivity

10.1 Reactivity	This product is stable and non-reactive under normal conditions of use. Product is not subject to hazardous polymerization.
10.2 Chemical Stability	Product is stable under normal working conditions.
10.3 Possibility of Hazardous Reactions	Unlikely under normal use. No further information.
10.4 Conditions to Avoid	Avoid extreme temperatures, flame, oxidizers, and acids / bases.
10.5 Incompatible Materials	No specific information. Avoid strong oxidizers and corrosive materials.
10.6 Hazardous Decomposition Products	No known decomposition products under normal circumstances. If burned, product may emit toxic fumes.

Section 11: Toxicological Information

11.1 Information on Toxicological Effects

General Information: Product has not been tested, but is expected to pose a low level of hazard when handled under normal circumstances.

Acute Toxicity (Oral): Not tested. May be harmful if appreciable quantities are swallowed.

Acute Toxicity (Dermal): Skin contact is not expected to pose any dermal toxicity.

Acute Toxicity (Inhalation): No further information.

Skin Corrosion / Irritation: Not expected to be an irritant. Prolonged exposure may lead to irritation or redness in certain individuals.

Eye Corrosion / Irritation: Product is not expected to be an acute eye irritant.

Sensitization: No further information.

Carcinogenicity / Mutagenicity: Product is not classified as a mutagen / carcinogen.

Toxicological Information (contained substances)

Hazardous substance (name)	LD50 Oral	LD50 Dermal	LC50 Inh	Irritancy:
Mineral oil, highly refined	>2000 mg/kg (rat)	>5000 mg/kg (rabbit)	-	non-irritant

Section 12: Ecological Information

12.1 Toxicity No specific data available.

12.2 Persistence and Degradability No specific data available. Contained oils are expected to degrade rapidly in the environment.

12.3 Bioaccumulation Potential No specific data available.

12.4 Mobility in Soil No further information available.

12.5 Results of PBT and vPvB Assessment Assessment not carried out. Product does not contain any PBT / vPvB constituents.

12.6 Other Adverse Effects No further information available.

Section 13: Disposal Information

13.1 Waste Treatment Methods

Product disposal: Dispose of product in accordance with local, regional, and national regulations. Consult with waste contractor.

Container disposal: Packaging of product may contain small amounts of residual product which can be discarded.

Other considerations: No further information.

Section 14: Transport Information

DOT: Not regulated

IMO/IMDG: Not regulated
IATA: Not regulated
ADR: Not regulated
OTHER: No further information

Section 15: Regulatory Information

TSCA: All components listed on the TSCA 8(b) inventory.
CERCLA RQ: Not applicable
SARA 311/312: Not applicable
SARA 313 Not applicable
California Prop 65 Titanium dioxide (when unbound, respirable)
Substances:
Canadian DSL: All substances in product are listed on the DSL.
WHMIS: Product is not WHMIS 2015 classified. See Section 3 for disclosure substances, if applicable.

Section 16: Other Information

SDS Author: A.Hahn, CCS LLC **Version Date:** 5/27/2015

The provider of this SDS urges the buyer or user to study it carefully and consult with appropriate expertise, as necessary to become aware of and understand the data contained herein. This information is provided in good faith and is believed to be accurate as of the effective date, or version date shown. However, no warranty, express or implied, is given. Regulatory requirements are subject to change and may differ between various locations. It is the buyer or user's responsibility to ensure that its activities comply with all federal, state, provincial or local laws. The information presented here pertains only to the product as shipped. It is the buyer's/user's duty to determine the conditions necessary for the safe use of this product. Information regarding the exact chemical identity or concentration of certain substances may be reserved as a trade secret as per 29 CFR 1910.1200(i).