



**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

BLANK BLANK BLANK BLANK

**Hazard Pictograms:**

**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

<b>General Info:</b>	This product is an article. No adverse health effects are expected under normal use.
<b>If ingested:</b>	Rinse mouth. Seek medical attention if symptoms develop. Do not induce vomiting.
<b>If inhaled:</b>	Not an expected route of exposure for product. In case of fire, toxic gases/fumes may be released during burning or thermal decomposition. If INHALED: Remove victim to fresh air and keep at rest in position comfortable for breathing. Get medical attention if symptoms occur.
<b>Eye contact:</b>	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.
<b>Skin contact:</b>	Rinse with soap and water thoroughly. Get medical advice if irritation develops or persists.

#### 4.2 Most Important Symptoms and Effects, Acute and Delayed

<b>Notable Exposure symptoms:</b>	No notable exposure symptoms. Excessive skin contact may cause dryness or slight irritation.
-----------------------------------	--

---

#### Section 5: Fire Fighting Measures

<b>5.1 Extinguishing Media</b>	Carbon dioxide (CO <sub>2</sub> ), dry chemical, foam.
<b>5.2 Special Hazards Arising from Mixture</b>	Product will sustain burning. Constituents associated with burning / combustion may be noxious or toxic.
<b>5.3 Advice for Firefighters / Protective equipment</b>	Firefighters should wear self-contained breathing apparatus (SCBA) and full protective equipment. Direct water spray may spread fire.

---

#### Section 6: Accidental Release Measures

<b>6.1 Personal precautions, protective equipment and procedures:</b>	Wear appropriate protective equipment and clothing during clean-up operations. Ventilate area if easy to do so.
<b>6.2 Environmental Precautions:</b>	No special precautions.
<b>6.3 Methods and Materials for Containment and Cleanup</b>	Product is a solid adhesive pad. Scoop mechanically or absorb with clay or rags as necessary.
<b>6.4 References to Other Sections</b>	For personal protection, see section 8 of the SDS. For disposal information, Section 13.

---

#### Section 7: Handling and Storage

<b>7.1 Precautions for Safe Handling</b>	No special precautions for product. Follow good industrial hygiene practice when using product. See Section 8.2 for appropriate PPE. Wear appropriate personal protective equipment.
<b>7.2 Recommendations for Storage:</b>	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/m3 (mist)	5 mg/m3 (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** General ventilation should be sufficient for most operations .

**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** Not required under normal conditions of use.

**Protection:**

**Environmental** No special considerations

**Exposure Controls:**

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

**Information:** hands or exposed skin after using the product.

## Section 9: Physical and Chemical Properties

### 9.1 Physical/Chemical Properties

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

**9.2 Other Information** No further information.

## Section 10: Stability and Reactivity

<b>10.1 Reactivity</b>	This product is stable and non-reactive under normal conditions of use. Product is not subject to hazardous polymerization.
<b>10.2 Chemical Stability</b>	Product is stable under normal working conditions.
<b>10.3 Possibility of Hazardous Reactions</b>	Unlikely under normal use. No further information.

<b>10.4 Conditions to Avoid</b>	Avoid extreme temperatures, flame, oxidizers, and acids / bases.
<b>10.5 Incompatible Materials</b>	No specific information. Avoid strong oxidizers and corrosive materials.
<b>10.6 Hazardous Decomposition Products</b>	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):** Not an expected route of exposure for product.

**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

---

<b>12.1 Toxicity</b>	No specific data available.
<b>12.2 Persistence and Degradability</b>	No specific data available. Contained oils are expected to degrade rapidly in the environment.
<b>12.3 Bioaccumulation Potential</b>	No specific data available.
<b>12.4 Mobility in Soil</b>	No further information available.
<b>12.5 Results of PBT and vPvB Assessment</b>	Assessment not carried out. Product does not contain any PBT / vPvB constituents.
<b>12.6 Other Adverse Effects</b>	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:** The Trenton Corporation

**Version Date:** 2022-01-20

*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).*