



# SAFETY DATA SHEET

## Section 1: Identification

Product Name: Technician's Choice TEC580 Ceramic Coating  
Product Code: TEC580  
Product Class: Exterior Finish Coating  
Manufacturer/Supplier: ECP Incorporated  
11210 Katherine's Crossing, Suite 100  
Woodridge, IL 60517  
Telephone: 630-754-4200  
Emergency Telephone: CHEMTREC 800-424-9300

Date Prepared: November 7, 2016  
Date of Review/Update:

## Section 2: Hazard Identification

Classification of the chemical in accordance with paragraph (d) of §1910.1200:

### GHS Hazard Symbols:



GHS Classification: Aspiration Hazard Category 1; Flammable Liquid Category 2; Eye Damage/Irritation Category 2A; Specific Target Organ Toxicity – Repeated Exposure Category 3

Signal Word: Danger

### GHS Hazard Statements:

H255 Highly flammable liquid and vapor  
H304 May be fatal if swallowed and enters airways  
H315 Causes skin irritation  
H336 May cause drowsiness or dizziness

### GHS Precautionary Statements:

P210 Keep away from heat/sparks/open flames/hot surfaces. No smoking  
P233 Keep container tightly closed  
P240 Ground/bond container and receiving equipment  
P241 Use explosion-proof electrical/ventilating/lighting/equipment  
P242 Use only non-sparking tools  
P243 Take precautionary measures against static discharge  
P280 Wear protective gloves/protective clothing/eye protection/face protection  
P264 Wash hands thoroughly after handling  
P261 Avoid breathing dust/fumes/gas/mist/vapors/spray  
P271 Use only outdoors or in well-ventilated areas  
P301+P310 IF SWALLOWED: Immediately call a poison center or doctor  
P331 Do NOT induce vomiting  
P303+P361+P353 If on skin (or hair): Remove immediately all contaminated clothing. Rinse skin with water  
P370+P378 In case of fire: use water spray, carbon dioxide, dry chemical or alcohol foam for extinction  
P304 +P340 If inhaled: Remove victim to fresh air and keep at rest in a position comfortable for breathing  
P312 Call a poison center or doctor if you feel unwell  
P305+P351+P338 If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P403+P233 Store in a well-ventilated place. Keep container tightly closed.  
P405 Store locked up  
P501 Dispose of contents/container to an appropriate treatment and disposal facility in accordance with applicable laws and regulations.

### Signs and Symptoms of Exposure:

Eye: Irritation including tearing or redness.  
Skin: Prolonged skin contact may cause irritation including redness, irritation, itching.  
Ingestion: May cause gastrointestinal irritation  
Inhalation: None are known  
Medical Conditions Aggravated by Exposure: None known.

**Section 3: Composition/Information on Ingredients**

<u>Chemical Name</u>	<u>CAS Number</u>	<u>% Range</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>
NAPTHA (petroleum) hydrotreated heavy	64742-48/9	75-80	TWA 100 ppm	
Distillates (petroleum) hydrotreated light	64742-47-8	5-10	TWA 165 ppm	
Pentaoxapentadecane	143-24-8	5	n/a	
Amyl Acetate	628-63-7	5-8	TWA 100 ppm	

**Section 4: First Aid Measures**

Eye Contact: Immediately flush with plenty of water for at least 15 minutes. If easy to do, remove contact lenses. Get medical attention.  
 Skin Contact: Wash with soap and water. Remove contaminated clothing and shoes. Wash contaminated clothing before reuse. Destroy or thoroughly clean contaminated shoes.  
 Ingestion: Never give anything by mouth to an unconscious person. If person is conscious then give several glasses of water. Do not induce vomiting. Keep warm and quiet. Seek medical attention.  
 Inhalation: Move to fresh air. Treat symptomatically. Get medical attention if symptoms persist,

**Section 5: Fire-Fighting Measures**

General fire hazards: Flammable liquid and vapor. USE WATER WITH CAUTION. Material will float and may ignite on surface of water. Use water spray to keep fire-exposed containers cool.  
 Fire and Explosive Properties: Flash Point: 44°C / TCC Flammable Limits: LEL / UEL: No Data  
 Extinguishing Media: Water spray, dry chemical, carbon dioxide, alcohol foam  
 Special hazards arising from the substance: Vapors may cause a flash fire or ignite explosively. Vapors may travel considerable distance to a source of ignition and flash back. Prevent buildup of vapors or gases to explosive concentrations.  
 Special Fire Fighting Procedures: Full protective equipment including self contained breathing apparatus for confined areas. Water may be ineffective in fighting the fire. Use water spray to keep fire exposed containers cool.

**Section 6: Accidental Release Measures**

Steps to be taken if Material is Spilled or Leaked: Eliminate the sources of ignition. Absorb spills with vermiculite or other inert material, then place in a container for chemical waste. Larger spills use water spray to disperse vapors and dilute spill to a non-flammable mixture. Prevent any runoff from entering any drains, sewers or streams. Dike for later disposal.  
 Notification procedures: in the event of a spill or accidental release, notify relevant authorities in accordance with all applicable regulations.

**Section 7: Handling and Storage**

Precautions to be taken in Handling and Storage:  
 Avoid breathing mist or vapors. Avoid contact with eyes and prolonged or repeated contact with skin. Use only with adequate ventilation. Wash hands thoroughly after handling. Keep container tightly closed and in a well-ventilated place. Affix proper warning labels on containers in accordance with 29CFR 1010.1200.

**Section 8: Exposure Controls and Personal Protection**

Ventilation: Use only with adequate ventilation. Avoid breathing vapor or mist. Local exhaust preferred.  
 Respirator Protection: Properly fitted NIOSH/MSHA approved respirator for ingredients found in SECTION 3 if TLV is exceeded.  
 Skin Protection: Gloves rated for protection against ingredients in SECTION 3.  
 Eye Protection: Safety glasses with side shields or chemical goggles.

**Section 9: Physical and Chemical Properties**

Boiling Point: 155°C	Vapor Pressure (mmHg @ 68°F):	Unknown
Vapor Density: 5 (air=1)	Solubility in Water:	Complete
Specific Gravity: 1.01 ± 0.05	Melting Point:	Not Applicable
Appearance/Odor: Clear liquid, mild hydrocarbon odor	pH:	Not Applicable

**Section 10: Stability and Reactivity**

Stability: Stable  
 Hazardous Polymerization: Will not occur.  
 Hazardous Decomposition Products: Various hydrocarbons of incomplete combustion.  
 Materials to Avoid: Strong oxidizers  
 Conditions to Avoid: Open flames, sources of ignition.

**Section 11: Toxicology Information**

IARC, NTP, OSHA Carcinogen: None  
 Information on likely routes of exposure:  
 Inhalation: may cause drowsiness or dizziness  
 Ingestion: none known

Skin contact: prolonged or repeated skin contact may cause drying, cracking, or irritation  
Eye contact: causes serious eye irritation

Information on toxicological effects:

Acute Toxicity

Oral product: oral LD-50: rat; 6750 mg/kg  
Dermal product: dermal LD-50: rat; >20 ml/kg  
Inhalation product: LC50: rat; 8h: 50.6 mg/l  
Repeated dose toxicity product: noael: rat, oral study, 90 days: 90 mg/kg  
Skin corrosion/irritation product: guinea pig, 4h: slight  
Respiratory or skin sensitization product: skin sensitization: guinea pig: non-sensitizing

## **Section 12: Ecological Information**

All work practices must be aimed at eliminating environmental contamination.

Effects of material on plants and animals: This product may be harmful or fatal to plants and animal life if released into the environment.

Effect of material on aquatic life: The most sensitive known aquatic group to any component of this product is: Fish: LC-50 (golden orfe, 48h): 265-360 mg/l

Keep out of sewers and natural water supplies. This material is a mobile liquid.

Degradability: 76% (20 days, ready biodegradability: closed bottle test.) Readily biodegradable. This product does not accumulate or bio magnify in the environment.

## **Section 13: Disposal Considerations**

Waste Disposal: Dispose of in accordance with federal, state, and local regulations.

## **Section 14: Transport Information**

D.O.T. REQUIREMENTS (49CFR 172.101):

Shipping Description, UN1866, Resin Solution, 3 II

## **Section 15: Regulatory Information**

RQ (REPORTABLE QUANTITY) 49CFR 172.101:

None

TSCA (Toxic Substances Control Act) Status:

The intentional ingredients of this product are listed.

CERCLA RQ - 40CFR 302.4:

None

SARA 302 COMPONENTS - 40CFR 355 Appendix A:

Immediate (acute) health hazard fire hazard

SECTION 311/312 HAZARD CLASS - 40CFR 370.2

Immediate ( X )

Reactive ( )

Delayed ( X )

Sudden Release of Pressure ( )

Fire ( X )

SARA 313 COMPONENTS - 40CFR 372.65:

None

WORKPLACE HAZARDOUS INFORMATION SYSTEM (WHMIS)

<u>Ingredient</u>	<u>Max. % By Wt.</u>	<u>LD50</u>	<u>LC50</u>
NAPTHA (petroleum) hydrotreated heavy	75-80		
Distillates (petroleum) hydrotreated light	5-10		
Pentaoxapentadecane	5		
Amyl Acetate	5-8		

CALIFORNIA PROPOSITION 65:

None

## **Section 16: Other Information**

Although the information contained herein is believed to be reliable, it is furnished without warranty of any kind. This information is not intended to be all-inclusive as to the manner and conditions of use, handling, and storage.