

PRODUCTS TECHNIQUES, INC.

Safety Data Sheet

SECTION 1 - PRODUCT & COMPANY INFORMATION

Product Name: PTW-582 LT. GREEN Product Code: PTW-582LTGREEN

Trade Name: NSN: 8010-01-496-0697

Products/Techniques, Inc.
3271 S. Riverside Ave.
Bloomington, CA 92316

PH: 909.877.3951
FX: 909.877.6078
E-mail: pti@ptipaint.com
Web: www.ptipaint.com

24 HOURS EMERGENCY CONTACT:
CHEMTREC: 1.800.424.9300

OPERATING HOURS: 8:00 am - 4:30 pm PDT

Prepared by: Products/Techniques, Inc.
Contact #: (909) 877-3951

SECTION 2 - HAZARDS IDENTIFICATION

GHS Ratings:

Oral Toxicity	Acute Tox. 4	Oral>300+<=2000mg/kg
Dermal Toxicity	Acute Tox. 4	Dermal>1000+<=2000mg/kg
Inhalation Toxicity	Acute Tox. 4	Gases>2500+<=5000ppm, Vapors>10+<=20mg/l, Dusts&mists>1+<=5mg/l
Skin corrosive	3	Reversible adverse effects in dermal tissue, Draize score: >=1.5 < 2.3
Eye corrosive	2B	Mild eye irritant: Subcategory 2B, Reversible in 7 days
Carcinogen	1B	Presumed Human Carcinogen, Based on demonstrated animal carcinogenicity

GHS Hazards

H302	Harmful if swallowed
H305	May be harmful if swallowed and enters airways
H313	May be harmful in contact with skin
H320	Causes eye irritation
H333	May be harmful if inhaled
H350	May cause cancer

GHS Precautions

P201	Obtain special instructions before use
P202	Do not handle until all safety precautions have been read and understood
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/light/.../equipment
P242	Use only non-sparking tools
P243	Take precautionary measures against static discharge

P264 Wash ... thoroughly after handling
P270 Do not eat, drink or smoke when using this product
P280 Wear protective gloves/protective clothing/eye protection/face protection
P281 Use personal protective equipment as required
P330 Rinse mouth
P301+P312 IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell
P303+P361+P353 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower
P308+P313 IF exposed or concerned: Get medical advice/attention
P370+P378 In case of fire: Use ... for extinction
P405 Store locked up
P403+P235 Store in a well ventilated place. Keep cool
P501 Dispose of contents/container to ...

Signal Word: Danger



SECTION 3 - COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	CAS number	Weight Concentration %
WATER	7732-18-5	31.63%
AQUEOUS EPOXY RESIN	EPOXY DISPERSION R	21.09%
STRONTIUM CHROMATE	7789-06-2	19.90%
CERAMIC MICROSPHERES	66402-68-4	12.66%
TITANIUM DIOXIDE	13463-67-7	7.96%
ETHYLENE ADDITIVE	2807-30-9	3.18%
2-BUTOXYETHANOL (EB)	111-76-2	1.11%
ADDITIVE	57855-77-3	0.80%
TRADE SECRET NON HAZARDOUS	PROPRIETARY SURFACTANT	0.45%
SURFACTANT	9036-19-5	0.19%
NON-HAZARDOUS INGREDIENTS	NHI	0.16%
DIPROPYLENE GLYCOL METHYL ETHER	34590-94-8	0.07%

(1) NON-HAZARDOUS MATERIAL

SECTION 4 - FIRST AID MEASURES

INHALATION: Not applicable.
EYES: Flush eyes with water immediately after contact. Call physician if irritation persists.
SKIN: Not applicable.
INGESTION: If prolonged nausea or pain occurs call a doctor.

SECTION 5 - FIRE FIGHTING MEASURES

Flash Point: N/A
LEL:
NON FLAMMABLE
UEL: 13.00

EXTINGUISHING MEDIA:As appropriate for surrounding fire. Use water, dry chemical, carbon dioxide, or foam.

SPECIAL PROCEDURES: Fire fighter should wear self contained breathing apparatus as for surrounding fire.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

SPILL/LEAK PROCEDURES: Absorb the spill with a paper towel or rag.

SECTION 7 - HANDLING & STORAGE

HANDLING PRECUATIONS: No unusual precaution are necessary.

STORAGE REQUIREMENTS: KEEP OUT OF REACH OF CHILDREN AND PETS.

SECTION 8 - EXPOSURE CONTROL AND PERSONAL PROTECTION

Chemical Name / CAS No.	OSHA Exposure Limits	ACGIH Exposure Limits	Other Exposure Limits
WATER 7732-18-5	No TLV established	No PEL established	Not Established
AQUEOUS EPOXY RESIN AQUEOUS EPOXY DISPERSION RESIN	Not Established	Not Established	Not Established
STRONTIUM CHROMATE 7789-06-2	5 ug/m3 8 hr TWA 1 mg/10m3 CEIL	0.0005 mg/m3 TWA (as Cr)	NIOSH: 0.001 mg/m3 10 hr TWA (as CR)
CERAMIC MICROSPHERES 66402-68-4	Not Established	Not Established	Not Established
TITANIUM DIOXIDE 13463-67-7	15 mg/m3 TWA (total dust)	10 mg/m3 TWA	Not Established
ETHYLENE ADDITIVE 2807-30-9	Not classified	Not Classified	Not Established
2-BUTOXYETHANOL (EB) 111-76-2	50 ppm TWA; 240 mg/m3 TWA	20 ppm TWA	NIOSH: 5 ppm TWA; 24 mg/m3 TWA
ADDITIVE 57855-77-3	Not Established	Not Established	Not Established
TRADE SECRET NON HAZARDOUS PROPRIETARY SURFACTANT	Not Established	Not Established	Not Established
SURFACTANT 9036-19-5	Not Established	Not Established	Not Established
NON-HAZARDOUS INGREDIENTS NHI	Not Established	Not Established	Not Established
DIPROPYLENE GLYCOL METHYL ETHER 34590-94-8	100 ppm TWA; 600 mg/m3 TWA	150 ppm STEL 100 ppm TWA	NIOSH: 100 ppm TWA; 600 mg/m3 TWA 150 ppm STEL; 900 mg/m3 STEL

ENGINEERING CONTROLS: Not Applicable.

PROTECTIVE GEAR: Not Applicable.

SECTION 9 - PHYSICAL & CHEMICAL PROPERTIES

Appearance Clear liquid Boiling Range 0 to 173 °C Weight/Gallon 12.03 VOC(lbs/gal) Less H2O and Exempt Compounds 0.94 Specific Gravity 1.44	Physical State Liquid Wt% Solids 64.07 VOC(g/l) Less H2O and Exempt Compounds 113.04 VOC (g/L) Material 61.92 % VOC (C.A.R.B) 4.30
--	---

SECTION 10 - REACTIVITY & STABILITY

UNSTABLE

INCOMPATIBILITIES: None known.

Hazardous polymerization will not occur.

SECTION 11 - TOXICOLOGICAL INFORMATION

Mixture Toxicity

Oral Toxicity LD50: 392mg/kg

Inhalation Toxicity LC50: 58mg/L

Component Toxicity

7732-18-5	WATER Oral LD50: 90 mL/kg (Rat)
7789-06-2	STRONTIUM CHROMATE Oral LD50: 3,118 mg/kg (Rat)
13463-67-7	TITANIUM DIOXIDE Inhalation LC50: 7 mg/L (Rat)
2807-30-9	ETHYLENE ADDITIVE Oral LD50: 3,086 mg/kg (Rat) Dermal LD50: 870 mg/kg (Rabbit) Inhalation LC50: 1,530 ppm (M)
111-76-2	2-BUTOXYETHANOL (EB) Oral LD50: 470 mg/kg (Rat) Dermal LD50: 220 mg/kg (Rabbit) Inhalation LC50: 450 ppm (Rat)
9036-19-5	SURFACTANT Oral LD50: 4,190 mg/kg (Rat)

None known.

ROUTES OF ENTRY: skin contact, eye contact, ingestion.

Inhalation Skin Contact Eye Contact Ingestion

TARGET ORGANS: None known.

Effects of Overexposure

CARCINOGENICITY: None as listed by NTP, IARC, or OSHA.

<u>CAS Number</u>	<u>Description</u>	<u>% Weight</u>	<u>Carcinogen Rating</u>
7789-06-2	STRONTIUM CHROMATE	19.90	ACGIH: A2 IARC: Group 1 NIOSH: Listed EU REACH: Category 2 Carcinogenic Substance

ACUTE TOXICITY: None known.

CONDITIONS AGGRAVATED: None known.

CHRONIC EFFECTS: None as listed by NTP, IARC, or OSHA

SECTION 12 - ECOLOGICAL INFORMATION

This product is biodegradable.

Component Ecotoxicity

2-BUTOXYETHANOL (EB)	96 Hr LC50 Lepomis macrochirus: 2950 mg/L 24 Hr EC50 water flea: 1720 mg/L; 24 Hr LC50 Daphnia magna: 1698-1940 mg/L
DIPROPYLENE GLYCOL METHYL ETHER	96 Hr LC50 Pimephales promelas: >10000 mg/L [static] 48 Hr LC50 Daphnia magna: 1919 mg/L

SECTION 13 - DISPOSAL CONSIDERATIONS

Dispose of in accordance with local, state, and national regulations.

SECTION 14 - TRANSPORTATION / SHIPPING INFORMATION

Not regulated.

<u>Agency</u>	<u>Proper Shipping Name</u>	<u>UN Number</u>	<u>Packing Group</u>	<u>Hazard Class</u>
D.O.T.	NOT REGULATED	N/A	N/A	N/A
IATA	NOT REGULATED	N/A	N/A	N/A
IMO	NOT REGULATED	N/A	N/A	N/A

SECTION 15 - REGULATORY INFORMATION

The following chemicals are listed under California Proposition 65:

7789-06-2 STRONTIUM CHROMATE 19.90 % Carcinogen

The following chemicals appear on the New Jersey Right-To-Know Chemicals list:

7789-06-2 STRONTIUM CHROMATE
2807-30-9 ETHYLENE ADDITIVE

The following chemicals appear on the Pennsylvania Right-To-Know list:

7789-06-2 STRONTIUM CHROMATE 19.90 %
2807-30-9 ETHYLENE ADDITIVE 3.18 %

SARA HAZARD CATEGORY: The product has been reviewed according to the EPA 'Hazard Categories' promulgated under sections 311 and 312 of the Superfund Amendment and Reauthorization Act of 1986 (SARA Title III) and is considered, under applicable definitions, to meet the following categories:

7789-06-2 STRONTIUM CHROMATE Acute Health Hazard, Chronic Health Hazard
 2807-30-9 ETHYLENE ADDITIVE Fire Hazard, Acute Health Hazard, Chronic Health Hazard

TOXIC SUBSTANCES CONTROL ACT:

This product contains the following chemical substances subject to the reporting requirements of TSCA 12(B) if exported from the United States:

STRONTIUM CHROMATE 19.90 %

Country **Regulation** **All Components Listed**

EU Risk Phrases

Safety Phrase

- None

SECTION 16 - OTHER INFORMATION

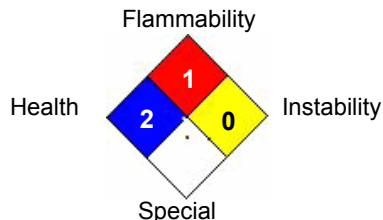
The information in this MSDS relates only to the specific material designated herein and does not relate to use in combination with any other material or any other process.

Hazardous Material Information System (HMIS)

HEALTH	2
FLAMMABILITY	1
PHYSICAL HAZARD	0
PERSONAL PROTECTION	X

HMIS & NFPA Hazard Rating Legend
 * = Chronic Health Hazard
 0 = INSIGNIFICANT
 1 = SLIGHT
 2 = MODERATE
 3 = HIGH

National Fire Protection Association (NFPA)



Copyright 2013, Products/Techniques, Inc.

Reviewer Revision

Date Prepared: 4/21/2018