PRODUCTS TECHNIQUES, INC. Safety Data Sheet

SECTION 1 - PRODUCT & COMPANY INFORMATION

Product Name: TT-E-489J GLOSS YELLOW Product Code: PT-381#13591

MANUFACTURER: 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

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

In an emergency, call CHEMTREC: 1,800,424,9300

Product Use Not recommended for

SECTION 2 - HAZARDS IDENTIFICATION

HMIS:230X

GHS Ratings:

Oral Toxicity Inhalation Toxicity Skin corrosive

Gases>100+<=500ppm, Vapors>0.5+<=2mg/l,
Dusts&mists>0.05+<=0.5mg/l
Reversible adverse effects in dermal lissue, Draize score: >=
1.5 < 2.3
Eye Iritalion: Reversible adverse effects on comea, iris,
conjunctive, Draize score: Comeal opacity >= 1, iritis > 1,
Redness >= 2, Chemosis >= 2
Respiratory sensitizer
Skin sensitizer
Skin sensitizer
Presumed Human Carcinogen, Based on demonstrated
animal carcinogenicity Acute Tox. 2

2

Respiratory sensitizer Skin sensitizer Carcinogen

P201 P202

GHS Precautions

GHS Hazards H316 H317 H334

H350

Causes mild skin irritation

Causes mild skin irrilation
May cause an allergic skin
reaction
May cause allergy or asthma
symptoms or breathing difficulties
if inhaled
May cause cancer

P260

Obtain special instructions before to Do not handle until all safety precautions have been read and understood Do not breathe dust/furne/gas/mist/vapours/epray dust/ume/gas/mist/vapours/spray
Avoid breathing
dust/ume/gas/mist/vapours/spray
Wash __thoroughly after handling
Use only outdoors or in a well-ventilated P261 P264 P271 P272 Contaminated work clothing should not be allowed out of the workplace

Obtain special instructions before use

SDS for PT-381#13591

SDD for P7-agranasas

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Chemical Name / CAS No.	OSHA Exposure Limits	ACGIH Exposure Limits	Other Exposure Limits
ALKYD RESIN - NOT HAZARDOUS ALKYD RESIN 10 23 percent	Not Established	Not Established	
N-BUTYL ACETATE NORMAL 123-86-4 21.03 percenti	150 ppm TWA; 710 mg/m3 TWA	200 ppm STEL 150 ppm TWA	NIOSH: 150 ppm TWA; 710 mg/m3 TWA 200 ppm STEL, 950 mg/m3 STEL
ALKYD RESIN - NOT HAZARDOUS ALKYD RESIN-CAS: PROPRIETARY 19 92 percent	Not Established	Not Established	
C I. PIGMENT YELLOW 154 68134-22-5 10 ₁ 11 percent	15 mg/m3 TWA (Iotal dust) 5 mg/m3 TWA (respirable fraction)	Not Established	DFG MAKs: 4 mg/m3 TWA (inhalable fraction) 1,5 mg/m3 TWA (respiratory fraction
2-PENTANONE 107-87-9 5 97 percent Visco Pession 27 mining	200 ppm TWA; 700 mg/m3 TWA	150 ppm STEL	NIOSH: 150 ppm TWA: 530 mg/m3 TWA
TITANIUM DIOXIDE 13463-67-7 4.49 percent	15 mg/m3 TWA (total dust)	10 mg/m3 TWA	
MINERAL SPIRITS 8052-41-3 1 93 percent Vapor Francis (minera)	500 ppm TWA; 2900 mg/m3 TWA	100 ppm TWA	NIOSH: 350 mg/m3 TWA 1800 mg/m3 Ceiling (15 min)
(ETHYL-3-) (2-) (2-) METHYLAMINOETBANOL ATO)(1-METHOXYPROPAN- OLATO)ALUMINUM(H1), DIMERISEO 1,49057-70-5 1,45 percent	Not Established	Not Eslablished	
KYLENE 1330-20-7 1 26 percent	100 ppm TWA; 435 mg/m3 TWA	150 ppm STEL 100 ppm TWA	
METHYL ISOBUTYL KETONE SOLVENT 108-10-1 1 19 percent Vagor Pressure: 15001 remHg	100 ppm TWA; 410 mg/m3 TWA	75 ppm STEL 50 ppm TWA	NIOSH: 50 ppm TWA; 205 mg/m3 TWA 75 ppm STEL, 300 mg/m3 STEL
NON-HAZARDOUS INGREDIENTS NHI LOI percent			

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P280	Wear protective gloves/protective clothing/eye protection/face protection
P281	Use personal protective equipment as required
P284	Wear respiratory protection
P285	In case of inadequate ventilation wear respiratory protection
P310	Immediately call a POISON CENTER or doctor/physician
P320	Specific treatment is urgent (see on this label)
P321	Specific treatment (see on this label)
P363	Wash contaminated clothing before reuse
P302+P352	IF ON SKIN: Wash with soap and water
P304+P340	IF INHALED: Remove victim to fresh air
	and keep at rest in a position
	comfortable for breathing
P304+P341	IF INHALED: If breathing is difficult.
	remove victim to fresh air and keep at
	rest in a position comfortable for
	breathing
P305+P351+P33	IF IN EYES: Rinse continuously with
ā	water for several minutes. Remove
	contact lenses if present and easy to
	do – continue rinsing
P308+P313	IF exposed or concerned: Get medical
	advice/attention
P332+P313	If skin irritation occurs: Get medical
	advice/attention
P333+P313	If skin imitation or a rash occurs. Get
	medical advice/attention
P337+P313	Get medical advice/attention
P342+P311	Call a POISON CENTER or
	doctor/physician
P405	Store locked up
P403+P233	Store in a well ventilated place. Keep container lightly closed
P501	Dispose of contents/container to =

Danger



There are no GHS ratings that apply to this product at this time.

ACUTE TOXICITY

INHALATION Intentional misuse by deliberately concentrating and inhaling the contents may be

CONDITIONS AGGRAVATED: Unknown.

CHRONIC EFFECTS: Reports have associated repeated and prolonged occupational exposure to solvents with permanent brain and nervous system damage.

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VPEL 300ppm TWA VPEL 400ppm STEL	TLV 300ppm STEL	
TWA 50 PPM		
100 ppm TWA; 435 mg/m3 TWA	125 ppm STEL 100 ppm TWA	NIOSH: 100 ppm TWA; 435 mg/m3 TWA 125 ppm STEL; 545 mg/m3 STEL
ě	150 ppm STEL 100 ppm TWA	NIOSH: 100 ppm TWA; 360 mg/m3 TWA 150 ppm STEL; 540 mg/m3 STEL
1 mg/m3 TWA	3 mg/m3 STEL 1 mg/m3 TWA	NIOSH: 1 mg/m3 TWA 3 mg/m3 STEL
	VPEL 400ppm STEL TWA 50 PPM 100 ppm TWA; 435 mg/m3 TWA	VPEL 400ppm STEL TWA SO PPM 100 ppm TWA; 435 mg/m3

SECTION 4 - FIRST AID MEASURES

INHALATION: If breathing problems occur during use, LEAVE AREA IMMEDIATELY and get fresh air. If breathing problems remain, SEEK IMMEDIATE MEDICAL ATTENTION.

EYE CONTACT: Flush eyes with large amounts of clean water for all least 20 minutes. Seek immediate

medical autention. SKIN CONTACT: Wash affected area thoroughly with soap and water. Get medical attention if imitation develops or persists. Remove confaminated dothing and faunder before re-use INGESTION: Do not induce vomiting. Get immediate medical attention.

SECTION 5 - FIRE FIGHTING MEASURES

IFI DOS

All flashpoints. TCC
EXTINGUISHING MEDIA: Alcohol foam, carbon dioxide (CO2), dry chemical, water spray/water log

extinguishing systems
UNUSUAL FIRE AND EXPLOSION HAZARDS: Vapors can travel to a source of ignition and flash back. UNUSUAL FIRE AND EXPLOSION HAZARDS: Vapors can travel to a source of ignition and flash back Flammable Liquid. Can release vapors that from explosive mixtures at temperatures at or above the flashpoint. "Empty" containers retain product residue (liquid and/or vapor) and can be dangerous. DO NOT PRESSURIZE, CUT, WELD, BRAZE, SOLDER, DRILL, GRIND, OR EXPOSE SUCH CONTAINERS TO HEAT, FLAME, SPARKS, STATIC ELECTRICITY, OR OTHER SOURCES OF IGNITION; THEY MAY EXPLODE AND CAUSE INJURY OR DEATH. Empty drums should be completely drained, properly bunged and promptly returned to a drum re-conditioner, or properly disposed of.

Page 4 of 10 Product 69/2016 at 5:55 17AM SPECIAL FIREFIGHTING PROCEDURES: Containers can build up pressure if exposed to heat (fire). As in any fire, wear self-contained breathing apparatus pressure-demand (MSHANIOSH approved or equivalent) and full protective gear. Water runoff can cause environmental damage. Dike and collect water used to fight fire

SECTION 6 - ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED Absorb spill with mert material (e.g. dry sand or earth), then place in a chemical waste container Avoid runoff into storm sewers and dilches which lead to waterways

SECTION 7 - HANDLING & STORAGE

HANDLING: Wear all appropriate Personal Protective Equipment (PPE) Wear appropriate respiratory protection and ensure adequate ventilation at all times as vapors can accumulate over time in enclosed

spaces and poorly ventilated areas. Use product in a way that minimizes spashes and/or creation of dust. Wash with soap and water thoroughly after each use. STORAGE: Keep away from heat, sparks and flame. Keep container closed when not in use, Store in a cool dry area at a temperature between 50 and 95 degrees F. Do not store outside in direct

Chemical Name / CA5 No.	OSHA Exposure Limits	ACGIH Exposure Limits	Other Exposure Lunits
ALKYD RESIN - NOT HAZARDOUS ALKYD RESIN	Not Established	Not Established	
N-BUTYL ACETATE NORMAL 123-86-4	150 ppm TWA; 710 mg/m3 TWA	200 ppm STEL 150 ppm TWA	NIOSH 150 ppm TWA. 710 mg/m3 TWA 200 ppm STEL; 950 mg/m3 STEL
ALKYD RESIN - NOT HAZARDOUS ALKYD RESIN-CAS PROPRIETARY	Not Established	Not Established	
C.J. PIGMENT YELLOW 154 58134-22-5	15 mg/m3 TWA (total dust) 5 mg/m3 TWA (respirable fraction)	Not Established	DFG MAKs 4 mg/m3 TWA (inhalable fraction) 1.5 mg/m3 TWA (respiratory fraction
2-PENTANONE 107-87-9	200 ppm TWA; 700 mg/m3 TWA	150 ppm STEL	NIOSH: 150 ppm TWA, 530 mg/m3 TWA
TITANIUM DIOXIDE 13463-67-7	15 mg/m3 TWA (total dust)	10 mg/m3 TWA	
MINERAL SPIRITS 8052-41-3	500 ppm TWA; 2900 mg/m3 TWA	100 ppm TWA	NIOSH: 350 mg/m3 TWA 1800 mg/m3 Ceiling (15 min)

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SKIN PROTECTION Where contact is likely, wear chemical resistant gloves, such as neoprene or solvent resistant nitrile. To prevent repeated or prolonged skin contact, wear impervious dothing such as a chemical suit, rubber boots, and/or chemical safety goggles plus a face shield if such should be necessary, if the equipment to be worn is not available or the type of equipment for a specific job is not known, consult a reputable safety equipment supply company. Use chemical splash goggles and face shield (ANSI 287.1 or approved equivalent).

EYE PROTECTION: Wear safety glasses with side shields (or goggles) and a face

OTHER PROTECTIVE EQUIPMENT: Where splashing is possible, full chemically resistant protective dothing (e.g. acid suit) and boots are required

HYGIENIC PRACTICES. Wash hands before eating. Remove contaminated dothing and wash before reuse. Use only in a well ventilated area. Follow all MSDS/flabel precautions even after container is emptied because they may retain product residues. Ground and bond containers when transferring material. Use spark-proof tools and explosion proof equipment. Avoid prolonged or repeated contact with skin. Avoid breathing vapors from heated material. Avoid contact with eyes, skin, and clothing

SECTION 9 - PHYSICAL & CHEMICAL PROPERTIES

Appearance Pigmented liquid	Odor Solvent like	
Physical State Liquid	Vapor Density 3 96	
Vapor Pressure 9.3 mmHg	Boiling Range 102 to 212 °C, 216 to 414 °F	
Wt% Solids 68 58	Weight/Gallon 8.97	
VOC(g/I) Less HZO and 338 57 Exempt Compounds	VOC(loxigal) Less H2O and 2.52 Exempt Compounds	
VOC (g/L) Material 338,57	Specific Gravity 1,07	
% VOC (C.A.R.B) 31.50		

SECTION 10 - REACTIVITY & STABILITY

STABILITY

STABLE INCOMPATIBILITY (Materials to avoid): strong acids and bases, oxidizers, and selected

CONDITIONS TO AVOID: Avoid all possible sources of ignition

HAZARDOUS DECOMPOSITION PRODUCTS: Carbon monoxide (CO) and carbon dioxide (CO2).

Mazardous polymerization will not occur

SECTION 11 - TOXICOLOGICAL INFORMATION

ixture Toxicity
Inhalation Toxicity: 2mg/L ponent Toxicity 123-86-4

N-BUTYL ACETATE NORMAL

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(ETHYL-3- DXOBUTANOATO-0"1,0"3) (2- DIMETHYLAMINOETBANOL ATO)(1-METHOXYPROPAN- OLATO)ALUMINUM(H1), DIMERISED	Not Established	Nt# Established	
149057-70-5 XYLENE 1330-20-7	100 ppm TWA: 435 mg/m3 TWA	150 ppm STEL 100 ppm TWA	
METHYL ISOBUTYL KETONE SOLVENT 108-10-1	100 ppm TWA, 410 mg/m3 TWA	75 ppm STEL 50 ppm TWA	NIOSH 50 ppm TWA, 205 mg/m3 TWA 75 ppm STEL, 300 mg/m3 STEL
NON-HAZARDOUS INGREDIENTS NHI			
COBALT ADDITIVE 61789-51-3			
ADDITIVE 96-29-7			
VM&P NAPHTHA 64742-89-8	VPEL 300ppm TWA VPEL 400ppm STEL	TLV 300ppm STEL	
1-METHOXY-2-PROPANOL ACETATE 108-65-6	TWA 50 PPM		
ETHYLBENZENĒ 100-41-4	100 ppm TWA; 435 mg/m3 TWA	125 ppm STEL 100 ppm TWA	NIOSH 100 ppm TWA, 435 mg/m3 TWA 125 ppm STEL; 545 mg/m3 STEL
1-METHOXY-2-PROPANOL 107-98-2		150 ppm STEL 100 ppm TWA	NIOSH 100 ppm TWA; 360 mg/m3 TWA 150 ppm STEL; 540 mg/m3 STEL
PHOSPHORIC ACID 7664-38-2	1 mg/m3 TWA	3 mg/m3 STEL 1 mg/m3 TWA	NIOSH 1 mg/m3 TWA 3 mg/m3 STEL

ENGINEERING CONTROLS Good general ventilation should be sufficient to control airborne levels.

Local exhaust ventilation may be necessary to control any air contaminants to within their TLVs during the use of this product. Use explosion-proof ventilation equipment. Facilities storing or utilizing this material should be equipped with an evewash facility and a safety

shower,
VENTILATION & RESPIRATORY PROTECTION: Always follow all local, state, and federal laws and regulations regarding the use of respirators. A NIOSHMSHA approved air purifying respirator with an organic vapor cartridge or canister may be permissible under certain croumstances where airborne concentrations are expected to exceed exposure limits. Protection provided by air purifying respirators is limited. Use a positive pressure air supplied respirator if there is any potential for an uncontrolled release, exposure levels are not known, or any other circumstances where air purifying respirators may not provide adequate protection. A respiratory protection program that meteo CSHA 1910.134 and ANSI 288.2 requirements must be followed whenever workplace conditions warrant a respirator's use. Wear a MSHAMIOSH approved for equivalent MILITanequera stiffur expirator in positive pressure mode with

Z88,2 requirements must be followed whenever woreptace conductors warrant a respirator's use. Wear a MSHANIOSTA approved (or equivalent) full-facepiece airline respirator in the positive pressure mode with emergency escape provisions. ADMINISTRATIVE CONTROLS: All individual company safety policies should be reviewed to determine compliance with applicable Federal, State and local safety regulations. If a company determines that threshold limit values and air quality contaminant level have not been exceeded, then that company should set it's own policies regarding the use of respirators and other Personal Protective Equipment

COOKE PROPERTY

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Inhalation 390 ppm (Rat) 13463-67-7 TITANIUM DIOXIDE Inhalation 7 mg/L (Rat) 149057-70-5 (ETHYL-3-OXOBUTANOATO-0'1,0'3)(2-DIMETHYLAMINOETBANOLATO)(1-METHOXYPROPAN-OLATOJALUMINUM(H1), DIMERISED
Oral_5,000 mg/kg (Rat) Dermal: 2,000 mg/kg (Rat)
METHYL ISOBUTYL KETONE SOLVENT 108-10-1 Oral 2 080 mg/kg (Rai) Inhalation 8 mg/L (Rat) ADDITIVE Oral 930 mg/kg (Rat) Inhalation 20 mg/L (Rat) VM&P NAPHTHA
Oral 5,000 mg/kg (Mouse) Dermal 3,000 mg/kg (Rabbit) 64742-89-8 1-METHOXY-2-PROPANOL ACETATE 108-65-6 Dermal: 5,000 mg/kg (Rabbit) (nhalation: 100 ppm (Rat) 100-41-4 ETHYLBENZENE Oral 3,500 mg/kg (Rat) Inhalation 17 mg/L (Rat) 1-METHOXY-2-PROPANOL 107-98-2 Inhalation: 24 mg/L (Rat.) PHOSPHORIC ACID Oral: 1,530 mg/kg (Rat) Dermal 2,730 mg/kg (Rabbit) Inhalation: 850 mg/m3 (Rat:)

INHALATION Headaches, dizziness, nauseau, decreased blood pressure, change in heart rate, and cyanosis may result from overexposure to vapor, intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal.

INGESTION. This material may be harmful or fatal if swallowed.

SKIN CONTACT: May cause sensitization or allergic reaction.

EYE CONTACT: May cause sensitization or allergic reaction.

EYE CONTACT: Direct contact with liquid, exposure to vapors or mist may cause stinging, tearing, redness, swelling and eye damage,

Routes of Entry:

Inhalation Skin Contact Eye Conlact Ingestion

Exposure to this material may affect the following organs:

Blood Eyes Kidneys Liver Central Nervous System
Skin Respiratory System

Reproductive System

Effects of Overexposure

CARCINOGENICITY

CAS Number 61789-51-3 Carcinogen Rating
COBALT ADDITIVE IARC
Possible human carcinogen
OSHA: listed Description COBALT ADDITIVE % Weight 0.490

SECTION 12 - ECOLOGICAL INFORMATION

No information available

Component Ecotoxicity

SECTION 13 - DISPOSAL CONSIDERATIONS

It is the responsibility of the user to determine the proper storage, transportation, treatment and/or disposal methodologies for spent materials and residues at the time of disposition. Maximize material recovery for reuse or recycling

It is the responsibility of the user to determine if the material is a RCRA "hazardous waste" at the time of

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disposal. Transportation, treatment, storage, and disposal of waste material must be conducted in accordance with RCRA regulations (see 40 CFR 260 through 40 CFR 271). State and/or local regulations may be more restrictive. Contact your regional US EPA office for guidance concerning case

Non-usable product is regulated by US EPA as hazardous material under the following codes:

SECTION 14 - TRANSPORTATION / SHIPPING INFORMATION

Hazardous Material! Ship according to all applicable local, state, and federal regulations regarding labeling and packaging requirements.

Agency Proper Shipping Name No Oata

SECTION 15 - REGULATORY INFORMATION

Additional regulatory listings, where applicable.
The following chemicals are listed under California Proposition 6S: 61789-51-3 COBALT ADDITIVE 0.49 % Mutagen

The following chemicals appear on the New Jersey Right-To-Know Chemicals list: 108-10-1 METHYL ISOBUTYL KETONE SOLVENT 1330-20-7 XYLENE 9852-41-3 MINERAL SPRITS 123-86-4 N-BUTYL ACETATE NORMAL

The following chemicals appear on the Perursylvania Right-To-Know list: 188-10-1 METHYL ISOBUTYL KETONE SOLVENT 1,19 % 805241-3 MINERAL SPIRITS 1,93 % 123-88-4 N-BUTYL ACETATE NORMAL 21,03 %

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 1985 (SARA Title III) and is considered, under applicable definitions, to meed

Reauthrorization Act of 1986 (SARA Title III) and is considered, under applicable definitions, it following calegories:
61789-51-3 COSALT ADDITIVE Fire Hazard, Acute Health Hazard, Chronic Health Hazard 108-10-1 METHYL ISOBUTYL KETONE SOLVENT Fire Hazard, Acute Health Hazard 1330-20-7 XYLENE Fire Hazard, Acute Health Hazard, Chronic Health Hazard 149057-70-5 (EITHYL-3-0X0BUTANOATO-7), G7);2/DMETHYLAMINOETBANOLATO (I-METHOXYPROPAN-OLATO)ALUMINUM(HI), DIMERISEO Fire Hazard, Acute Health Hazard 123-86-4 NBUTYL ACETATE NORMAL Fire Hazard, Acute 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:

None

EU Risk Phrases

Safety Phrase

The chemical substances listed below are not on the TSCA Section 8 Inventory:

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SARA Section 313: The product contains the following substances subject to the reporting requirements of section 313 and Title II of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372. 61789-51-3 COBALT ADDITIVE 0.49%

SECTION 16 - OTHER INFORMATION

The information in this document is believed to be correct as of the date printed

NO WARRANTY OF MERCHANTIBILITY, FITNESS FOR ANY PARTICULAR PURPOSE, OR ANY OTHER WARRANTY IS EXPRESSED OR IMPLIED REGARDING THE ACCURACY OR COMPLETENESS OF THIS INFORMATION, THE RESULTS TO BE OBTAINED FROM THE USE OF THIS INFORMATION OR THE PRODUCT, THE SAFETY OF THIS PRODUCT OF THE HAZARDS RELATED TO ITS USE.

This information and product are furnished on the condition that the person receiving them shall make his own determination as to the suitability of the product for his particular purpose and on the condition that he assumes the risk of his use thereof.

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Hazardous Material Information System (HMIS)



National Fire Protection Association (NFPA)



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