

# PRODUCTS TECHNIQUES, INC.

## Safety Data Sheet

### SECTION 1 - PRODUCT & COMPANY INFORMATION

Product Name: TT-P-1757A/B TY.I/II GREEN PRIMER Product Code: PT-522GREEN

Trade Name: NSN:8010-00-145-0312/8010-00-582-5318 CAGE CODE: 06341

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

PH: 909.877.3951  
FX: 909.877.6078  
E-mail: [pti@ptipaint.com](mailto:pti@ptipaint.com)  
Web: [www.ptipaint.com](http://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:**

|                        |              |  |
|------------------------|--------------|--|
| Flammable liquid       | 2            | Flash point < 23°C and initial boiling point > 35°C (95°F)         |
| Oral Toxicity          |              |  |
| Inhalation Toxicity    | Acute Tox. 3 | Gases>500+<=2500ppm, Vapors>2+<=10mg/l,<br>Dusts&mists>0.5+<=1mg/l |
| Respiratory sensitizer | 1            | Respiratory sensitizer   |
| Skin sensitizer        | 1            | Skin sensitizer  |
| Carcinogen             | 1A           | Known Human Carcinogen Based on human evidence                     |

#### **GHS Hazards**

|      |   |
|------|---|
| H225 | Highly flammable liquid and vapour  |
| H303 | May be harmful if swallowed   |
| H313 | May be harmful in contact with skin                                       |
| H317 | May cause an allergic skin reaction                                       |
| H331 | Toxic if inhaled  |
| H333 | May be harmful if inhaled   |
| H334 | May cause allergy or asthma symptoms or breathing difficulties 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                     |
| P261 | Avoid breathing dust/fume/gas/mist/vapours/spray                         |

|                |  |
|----------------|--|
| P271           | Use only outdoors or in a well-ventilated area   |
| P272           | Contaminated work clothing should not be allowed out of the workplace  |
| P280           | Wear protective gloves/protective clothing/eye protection/face protection  |
| P281           | Use personal protective equipment as required  |
| P285           | In case of inadequate ventilation wear respiratory protection  |
| P311           | Call a POISON CENTER or doctor/physician   |
| P321           | Specific treatment (see ... on this label)   |
| P363           | Wash contaminated clothing before reuse  |
| P302+P352      | IF ON SKIN: Wash with soap and water   |
| P303+P361+P353 | IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower                  |
| 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 |
| P308+P313      | IF exposed or concerned: Get medical advice/attention  |
| P333+P313      | If skin irritation or a rash occurs: Get medical advice/attention  |
| P342+P311      | Call a POISON CENTER or doctor/physician   |
| P370+P378      | In case of fire: Use ... for extinction  |
| P405           | Store locked up  |
| P403+P233      | Store in a well ventilated place. Keep container tightly closed  |
| P403+P235      | Store in a well ventilated place. Keep cool  |
| 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 harmful or fatal.**

CONDITIONS AGGRAVATED: Unknown.

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

## SECTION 3 - COMPOSITION / INFORMATION ON INGREDIENTS

| Chemical Name / CAS No.   | OSHA Exposure Limits   | ACGIH Exposure Limits                                     | Other Exposure Limits  |
|---|--|---|--|
| POTASSIUM<br>HYDROXYOCTAOXODIZINC<br>ATEDICHROMATE<br>11103-86-9<br>30.07 percent   | 5 ug/m3 8 hr TWA<br>1 mg/10m3 CEIL<br>0.1 mg/m3 CEIL (as CrO3)     | 0.01 mg/m3 TWA (as Cr,<br>listed under Zinc<br>chromates) | NIOSH:<br>0.001 mg/m3 10 hr<br>TWA (as CR)                               |
| ALKYD RESIN - NOT<br>HAZARDOUS<br>ALKYD RESIN-CAS:<br>PROPRIETARY<br>18.44 percent  | Not Established  | Not Established   |  |
| ACETONE<br>67-64-1<br>17.21 percent<br>Vapor Pressure: 174.765 mmHg                 | 1000 ppm TWA; 2400<br>mg/m3 TWA                                    | 750 ppm STEL<br>500 ppm TWA                               | NIOSH: 250 ppm TWA;<br>590 mg/m3 TWA                                     |
| MINERAL SPIRITS<br>8052-41-3<br>7.53 percent<br>Vapor Pressure: 2 mmHg              | 500 ppm TWA; 2900 mg/m3<br>TWA                                     | 100 ppm TWA   | NIOSH: 350 mg/m3<br>TWA<br>1800 mg/m3 Ceiling (15<br>min)                |
| XYLENE<br>1330-20-7<br>5.82 percent<br>Vapor Pressure: 7 mm/Hg                      | 100 ppm TWA; 435 mg/m3<br>TWA                                      | 150 ppm STEL<br>100 ppm TWA                               |  |
| N-BUTYL ACETATE<br>NORMAL<br>123-86-4<br>4.67 percent<br>Vapor Pressure: 9.751 mmHg | 150 ppm TWA; 710 mg/m3<br>TWA                                      | 200 ppm STEL<br>150 ppm TWA                               | NIOSH: 150 ppm TWA;<br>710 mg/m3 TWA<br>200 ppm STEL; 950<br>mg/m3 STEL  |
| BARTEX ADDITIVE<br>7727-43-7<br>4.49 percent  | 15 mg/m3 TWA (total dust);<br>5 mg/m3 TWA (respirable<br>fraction) | 10 mg/m3 TWA  | NIOSH: 10 mg/m3<br>TWA (total dust); 5<br>mg/m3 TWA (respirable<br>dust) |
| NON-HAZARDOUS<br>INGREDIENTS<br>NHI<br>4.08 percent                                 |  |   |  |
| METHYL ETHYL KETONE<br>78-93-3<br>3.58 percent<br>Vapor Pressure: 75.756 mmHg       | 200 ppm TWA; 590 mg/m3<br>TWA                                      | 300 ppm STEL<br>200 ppm TWA                               | NIOSH: 200 ppm TWA;<br>590 mg/m3 TWA<br>300 ppm STEL; 885<br>mg/m3 STEL  |
| SYNTHETIC AMORPHOUS<br>SILICA<br>112926-00-8<br>2.08 percent                        |  |   |  |
| ETHYLBENZENE<br>100-41-4<br>0.485 percent<br>Vapor Pressure: 7.126 mmHg             | 100 ppm TWA; 435 mg/m3<br>TWA                                      | 125 ppm STEL<br>100 ppm TWA                               | NIOSH: 100 ppm TWA;<br>435 mg/m3 TWA<br>125 ppm STEL; 545<br>mg/m3 STEL  |
| SILANE<br>1760-24-3<br>0.416 percent<br>Vapor Pressure: .99 mmHg @ 20C              |  |   |  |

|  |                    |                    |  |
|--|--------------------|--------------------|--|
| 1-METHOXY-2-PROPANOL<br>ACETATE<br>108-65-6<br>0.363 percent<br>Vapor Pressure: 3.675 mmHg | TWA 50 PPM         |                    |  |
| ADDITIVE<br>96-29-7<br>0.159 percent<br>Vapor Pressure: 2.625 mmHg                         |                    |                    |  |
| {P TERT}BUTYLPHENOL<br>98-54-4<br>0.159 percent<br>Vapor Pressure: .225 mmHg               | Not Established    | Not Established    |  |
| ZIRCONIUM ADDITIVE<br>22464-99-9<br>0.130 percent<br>Vapor Pressure: 1.5 mm Hg             |                    |                    |  |
| WATER (1)<br>7732-18-5<br>0.110 percent  | No TLV established | No PEL established |  |
| COBALT ADDITIVE<br>61789-51-3<br>0.088 percent<br>Vapor Pressure: 1.5 mm Hg                |                    |                    |  |
| FORMALDEHYDE<br>50-00-0<br>0.000 percent<br>Vapor Pressure: .002 mmHg                      | 0.75 ppm TWA       | 0.3 ppm Ceiling    | NIOSH: 0.016 ppm TWA<br>0.1 ppm Ceiling (15 min) |

(1) NON-HAZARDOUS MATERIAL

#### 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 at least 20 minutes. Seek immediate medical attention.

**SKIN CONTACT:** Wash affected area thoroughly with soap and water. Get medical attention if irritation develops or persists. Remove contaminated clothing and launder before re-use.

**INGESTION:** Do not induce vomiting. Get immediate medical attention.

#### SECTION 5 - FIRE FIGHTING MEASURES

LEL: 1.0 %

UEL: 12.8 %

All flashpoints: TCC

**EXTINGUISHING MEDIA:** Alcohol foam, carbon dioxide (CO<sub>2</sub>), dry chemical, water spray/water fog extinguishing systems

**UNUSUAL FIRE AND EXPLOSION HAZARDS:** Vapors can travel to a source of ignition and flash back.

Flammable Liquid. Can release vapors that form 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.

**SPECIAL FIREFIGHTING PROCEDURES:** Containers can build up pressure if exposed to heat (fire).

As in any fire, wear self-contained breathing apparatus pressure-demand (MSHA/NIOSH 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 inert material (e.g. dry sand or earth), then place in a chemical waste container. Avoid runoff into storm sewers and ditches 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 splashes 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 sunlight.

## SECTION 8 - EXPOSURE CONTROL AND PERSONAL PROTECTION

| Chemical Name / CAS No.                                     | OSHA Exposure Limits  | ACGIH Exposure Limits                               | Other Exposure Limits  |
|---|---|---|--|
| POTASSIUM HYDROXYOCTAOXODIZINC ATEDICHROMATE<br>11103-86-9  | 5 ug/m3 8 hr TWA<br>1 mg/10m3 CEIL<br>0.1 mg/m3 CEIL (as CrO3)  | 0.01 mg/m3 TWA (as Cr, listed under Zinc chromates) | NIOSH:<br>0.001 mg/m3 10 hr TWA (as CR)                              |
| ALKYD RESIN - NOT HAZARDOUS<br>ALKYD RESIN-CAS: PROPRIETARY | Not Established   | Not Established                                     |  |
| ACETONE<br>67-64-1  | 1000 ppm TWA; 2400 mg/m3 TWA                                    | 750 ppm STEL<br>500 ppm TWA                         | NIOSH: 250 ppm TWA;<br>590 mg/m3 TWA                                 |
| MINERAL SPIRITS<br>8052-41-3                                | 500 ppm TWA; 2900 mg/m3 TWA                                     | 100 ppm TWA   | NIOSH: 350 mg/m3 TWA<br>1800 mg/m3 Ceiling (15 min)                  |
| XYLENE<br>1330-20-7   | 100 ppm TWA; 435 mg/m3 TWA                                      | 150 ppm STEL<br>100 ppm TWA                         |  |
| N-BUTYL ACETATE NORMAL<br>123-86-4                          | 150 ppm TWA; 710 mg/m3 TWA                                      | 200 ppm STEL<br>150 ppm TWA                         | NIOSH: 150 ppm TWA;<br>710 mg/m3 TWA<br>200 ppm STEL; 950 mg/m3 STEL |
| BARTEX ADDITIVE<br>7727-43-7                                | 15 mg/m3 TWA (total dust);<br>5 mg/m3 TWA (respirable fraction) | 10 mg/m3 TWA  | NIOSH: 10 mg/m3 TWA (total dust); 5 mg/m3 TWA (respirable dust)      |
| NON-HAZARDOUS INGREDIENTS<br>NHI                            |   |   |  |

|  |                               |                             |   |
|--|-------------------------------|-----------------------------|---|
| METHYL ETHYL KETONE<br>78-93-3               | 200 ppm TWA; 590 mg/m3<br>TWA | 300 ppm STEL<br>200 ppm TWA | NIOSH: 200 ppm TWA;<br>590 mg/m3 TWA<br>300 ppm STEL; 885<br>mg/m3 STEL |
| SYNTHETIC AMORPHOUS<br>SILICA<br>112926-00-8 |                               |                             |   |
| ETHYLBENZENE<br>100-41-4                     | 100 ppm TWA; 435 mg/m3<br>TWA | 125 ppm STEL<br>100 ppm TWA | NIOSH: 100 ppm TWA;<br>435 mg/m3 TWA<br>125 ppm STEL; 545<br>mg/m3 STEL |
| SILANE<br>1760-24-3                          |                               |                             |   |
| 1-METHOXY-2-PROPANOL<br>ACETATE<br>108-65-6  | TWA 50 PPM                    |                             |   |
| ADDITIVE<br>96-29-7                          |                               |                             |   |
| {P TERT}BUTYLPHENOL<br>98-54-4               | Not Established               | Not Established             |   |
| ZIRCONIUM ADDITIVE<br>22464-99-9             |                               |                             |   |
| WATER<br>7732-18-5                           | No TLV established            | No PEL established          |   |
| COBALT ADDITIVE<br>61789-51-3                |                               |                             |   |
| FORMALDEHYDE<br>50-00-0                      | 0.75 ppm TWA                  | 0.3 ppm Ceiling             | NIOSH: 0.016 ppm TWA<br>0.1 ppm Ceiling (15 min)                        |

**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 eyewash facility and a safety shower.

**VENTILATION & RESPIRATORY PROTECTION:** Always follow all local, state, and federal laws and regulations regarding the use of respirators. A NIOSH/MSHA approved air purifying respirator with an organic vapor cartridge or canister may be permissible under certain circumstances 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 meets OSHA 1910.134 and ANSI Z88.2 requirements must be followed whenever workplace conditions warrant a respirator's use. Wear a MSHA/NIOSH 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.

**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 clothing 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 Z87.1 or approved equivalent).

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

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

HYGIENIC PRACTICES: Wash hands before eating. Remove contaminated clothing and wash before reuse. Use only in a well ventilated area. Follow all MSDS/label 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

This product exhibits the following properties under normal conditions:

|  |  |
|--|--|
| <b>Appearance</b> Pigmented liquid                   | <b>Odor</b> Solvent like                               |
| <b>Physical State</b> Liquid                         | <b>Vapor Density</b> 2.64                              |
| <b>Vapor Pressure</b> 105.5 mmHg                     | <b>Boiling Range</b> 56 to 148 °C, 133 to 298 °F       |
| <b>Wt% Solids</b> 61.19                              | <b>Weight/Gallon</b> 10.89                             |
| <b>VOC(g/l) Less H2O and Exempt Compounds</b> 385.68 | <b>VOC(lbs/gal) Less H2O and Exempt Compounds</b> 3.21 |
| <b>VOC (g/L) Material</b> 281.03                     | <b>Specific Gravity</b> 1.31                           |
| <b>% VOC (C.A.R.B)</b> 21.53                         |  |

## SECTION 10 - REACTIVITY & STABILITY

STABILITY:

STABLE

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

CONDITIONS TO AVOID: Avoid all possible sources of ignition.

No Data

HAZARDOUS DECOMPOSITION PRODUCTS: Carbon monoxide (CO) and carbon dioxide (CO<sub>2</sub>). Other unknown hazardous products are possible.

No Data

Hazardous polymerization will not occur.

## SECTION 11 - TOXICOLOGICAL INFORMATION

### Mixture Toxicity

Inhalation Toxicity: 9mg/L

### Component Toxicity

|          |   |
|----------|---|
| 123-86-4 | N-BUTYL ACETATE NORMAL<br>Inhalation: 390 ppm (Rat)                                     |
| 100-41-4 | ETHYLBENZENE<br>Oral: 3,500 mg/kg (Rat) Inhalation: 17 mg/L (Rat)                       |
| 108-65-6 | 1-METHOXY-2-PROPANOL ACETATE<br>Dermal: 5,000 mg/kg (Rabbit:) Inhalation: 100 ppm (Rat) |
| 96-29-7  | ADDITIVE  |

98-54-4 Oral: 930 mg/kg (Rat) Inhalation: 20 mg/L (Rat)  
 {P TERT}BUTYLPHENOL  
 Oral: 2,990 mg/kg (Rat) Dermal: 2,318 mg/kg (Rabbit)

**INHALATION:** Headaches, dizziness, nausea, 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:** 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 Contact   | Ingestion                |       |                        |              |
|--------------|--------------|---------------|--------------------------|-------|------------------------|--------------|
| Blood System | Eyes Skin    | Kidneys Heart | Liver Respiratory System | Lungs | Central Nervous System | Reproductive |

Exposure to this material may affect the following organs:  
**Effects of Overexposure**

**CARCINOGENICITY:**

| <u>CAS Number</u> | <u>Description</u>                           | <u>% Weight</u> | <u>Carcinogen Rating</u>  |
|-------------------|--|-----------------|---|
| 11103-86-9        | POTASSIUM HYDROXYOCTAOXODIZINCATED ICHROMATE | 30.07           | POTASSIUM HYDROXYOCTAOXODIZINCATED ICHROMATE: IARC: Human carcinogen<br>IARC: Human carcinogen<br>OSHA: listed<br>ECHA CANDIDATE LIST: Human carcinogen |
| 50-00-0           | FORMALDEHYDE                                 | 0.000           | FORMALDEHYDE: NIOSH: potential occupational carcinogen<br>IARC: Human carcinogen<br>OSHA: listed  |
| 61789-51-3        | COBALT ADDITIVE                              | 0.088           | COBALT ADDITIVE: IARC: Possible human carcinogen<br>OSHA: listed  |

**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 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 specific disposal issues.

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.

| <u>Agency</u> | <u>Proper Shipping Name</u> | <u>UN Number</u> | <u>Packing Group</u> | <u>Hazard Class</u> |
|---------------|-----------------------------|------------------|----------------------|---------------------|
| DOT           | PAINT                       | UN1263           | II                   | 3                   |
| IATA          | PAINT                       | UN1263           | II                   | 3                   |
| IMO           | PAINT                       | UN1263           | II                   | 3                   |

## SECTION 15 - REGULATORY INFORMATION

Additional regulatory listings, where applicable.

The following chemicals are listed under California Proposition 65:

11103-86-9 POTASSIUM HYDROXYOCTAOXODIZINCATEDICHROMATE 30.07 % Carcinogen

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

78-93-3 METHYL ETHYL KETONE  
123-86-4 N-BUTYL ACETATE NORMAL  
1330-20-7 XYLENE  
8052-41-3 MINERAL SPIRITS

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

78-93-3 METHYL ETHYL KETONE 3.58 %  
123-86-4 N-BUTYL ACETATE NORMAL 4.67 %  
8052-41-3 MINERAL SPIRITS 7.53 %

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:

78-93-3 METHYL ETHYL KETONE Fire Hazard, Acute Health Hazard, Chronic Health Hazard  
123-86-4 N-BUTYL ACETATE NORMAL Fire Hazard, Acute Health Hazard  
1330-20-7 XYLENE Fire Hazard, Acute Health Hazard, Chronic Health Hazard  
8052-41-3 MINERAL SPIRITS Fire Hazard  
67-64-1 ACETONE Fire Hazard, Acute Health Hazard  
11103-86-9 POTASSIUM HYDROXYOCTAOXODIZINCATEDICHROMATE 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:

- None



### EU Risk Phrases

R10: Flammable

- R20: Harmful by inhalation
- R25: Toxic if swallowed
- R36: Irritating to eyes
- R45: May cause cancer
- R48: Danger of serious damage to health by prolonged exposure
- R49: May cause cancer by inhalation

**Safety Phrase**

- S16: Keep away from sources of ignition - No smoking
- S22: Do not breathe dust
- S38: In case of insufficient ventilation wear suitable respiratory equipment
- S60: This material and its container must be disposed of as hazardous waste
- S1/2: Keep locked up and out of the reach of children
- S3/7: Keep container tightly closed in a cool place
- S20/21: When using do not eat, drink or smoke
- S24/25: Avoid contact with skin and eyes
- S29/56: Do not empty into drains, dispose of this material and its container at hazardous or special waste collection point
- S36/37/39: Wear suitable protective clothing, gloves and eye/face protection

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

- None

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 0.09%

**SECTION 16 - OTHER INFORMATION**

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

NO WARRANTY OF MERCHANTABILITY, 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.

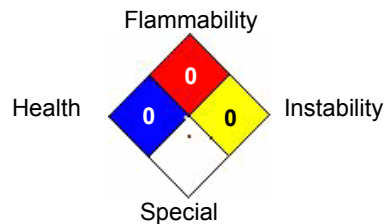
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**Hazardous Material Information System (HMIS)**

|                            |                                |
|----------------------------|--------------------------------|
| <b>HEALTH</b>              | <input type="text" value="2"/> |
| <b>FLAMMABILITY</b>        | <input type="text" value="3"/> |
| <b>PHYSICAL HAZARD</b>     | <input type="text" value="0"/> |
| <b>PERSONAL PROTECTION</b> | <input type="text" value="X"/> |

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

**National Fire Protection Association (NFPA)**



Date Prepared: 6/3/2016

Reviewer Revision