



SAFETY DATA SHEET

SECTION 1) CHEMICAL PRODUCT AND MANUFACTURER'S IDENTIFICATION

Product ID: 0969-XXXX-0006
Product Name: GRAINING PEN - ALL COLORS
Revision Date: Feb 15, 2018 **Date Printed:** Feb 15, 2018
Version: 1.0 **Supersedes Date:** N.A.
Manufacturer's Name: TOUCH-UP SOLUTIONS
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Product/Recommended Uses: Touch up and repair

SECTION 2) HAZARDS IDENTIFICATION

Acute toxicity of 5% of the mixture is unknown

SECTION 3) COMPOSITION, INFORMATION ON INGREDIENTS

CAS	Chemical Name	% By Weight
0000071-23-8	PROPYL ALCOHOL	68% - 100%
0065997-05-9	ROSIN (WOOD)	3% - 7%
0002807-30-9	ETHYLENE GLYCOL MONOPROPYL ETHER	1.8% - 4%
0000078-93-3	METHYL ETHYL KETONE	0.2% - 3%

Specific chemical identity and/or exact percentage (concentration) of the composition has been withheld to protect confidentiality.

SECTION 4) FIRST-AID MEASURES

Eye Contact

Rinse eyes cautiously with lukewarm, gently flowing water for several minutes, while holding the eyelids open. Remove contact lenses, if present and easy to do. Continue rinsing for a duration of 15-20 minutes. Take care not to rinse contaminated water into the unaffected eye or onto the face. If eye irritation persists: Get medical advice/attention.

Skin Contact

Take off contaminated clothing, shoes and leather goods (e.g. watchbands, belts). Rinse skin with lukewarm, gently flowing water for a duration of 15-20 minutes. If skin irritation occurs: Get medical advice/attention. Wash contaminated clothing before re-use.

Ingestion

Rinse mouth. If unwell or concerned: Get medical attention/advice. Do NOT induce vomiting unless advised by Poison center or doctor.

Inhalation

Remove source of exposure or move person to fresh air and keep comfortable for breathing. Call a POISON CENTER/doctor, if you feel unwell.

SECTION 5) FIRE-FIGHTING MEASURES

Unsuitable Extinguishing Media

Do not use water jet.

Special hazards in case of fire

Hazardous Combustion Products: Oxides of carbon.

Flammable components of this material may be lighter than water and burn while floating on the surface.

Vapors are heavier than air and may travel to a source of ignition and flash back.

Suitable Extinguishing Media

Dry chemical, foam, carbon dioxide is recommended. Water spray is recommended to cool or protect exposed materials or structures. Carbon dioxide can displace oxygen. Use caution when applying carbon dioxide in confined spaces. Simultaneous use of foam and water on the same surface is to be avoided as water destroys the foam.

Fire-Fighting Procedures

Isolate immediate hazard area and keep unauthorized personnel out. Stop spill/release if it can be done safely. Move undamaged containers from immediate hazard area if it can be done safely. Water spray may be useful in minimizing or dispersing vapors and to protect personnel. Water may be ineffective but can be used to cool containers exposed to heat or flame. Caution should be exercised when using water or foam as frothing may occur, especially if sprayed into containers of hot, burning liquid.

Dispose of fire debris and contaminated extinguishing water in accordance with official regulations.

Special Protective Actions

Wear protective pressure self-contained breathing apparatus (SCBA) and full turnout gear.

SECTION 6) ACCIDENTAL RELEASE MEASURES

Emergency Procedure

ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area).

Isolate hazard area and keep unnecessary people away. Remove all possible sources of ignition in the surrounding area. Notify authorities if any exposure to the general public or the environment occurs or is likely to occur.

Do not touch or walk through spilled material.

If spilled material is cleaned up using a regulated solvent, the resulting waste mixture may be regulated.

Personal Precautions

Avoid breathing vapor. Avoid contact with skin, eye or clothing. Do not touch damaged containers or spilled materials unless wearing appropriate protective clothing.

Environmental Precautions

Stop spill/release if it can be done safely. Prevent spilled material from entering sewers, storm drains, other unauthorized drainage systems and natural waterways by using sand, earth, or other appropriate barriers.

Methods and Materials for Containment and Cleaning Up

Cover spills with suitable inert absorbent like granulated clay and place in sealed chemical waste containers.

Recommended Equipment

Positive pressure, full-face piece self-contained breathing apparatus (SCBA), or positive pressure supplied air respirator with escape SCBA (NIOSH approved).

SECTION 7) HANDLING AND STORAGE

General

Wash hands after use.

Do not get in eyes, on skin or on clothing.

Do not breathe vapors or mists.

Use good personal hygiene practices.

Eating, drinking and smoking in work areas is prohibited.

Remove contaminated clothing and protective equipment before entering eating areas.

Eyewash stations and showers should be available in areas where this material is used and stored.

Ventilation Requirements

Use only with adequate ventilation to control air contaminants to their exposure limits. The use of local ventilation is recommended to control emissions near the source.

Storage Room Requirements

Keep container(s) tightly closed and properly labeled. Store in cool, dry, well-ventilated areas away from heat, direct sunlight, strong oxidizers and any incompatibilities. Store in approved containers and protect against physical damage. Keep containers securely sealed when not in use. Indoor storage should meet OSHA standards and appropriate fire codes. Containers that have been opened must be carefully resealed to prevent leakage. Empty containers retain residue and may be dangerous. Use non-sparking ventilation systems, approved explosion-proof equipment and intrinsically safe electrical systems in areas where this product is used and stored.

Do not cut, drill, grind, weld or perform similar operations on or near containers. Do not expose containers to heat, sparks, flame or other sources of ignition.

Ground and bond containers when transferring materials. Use procedures that prevent static electrical sparks. Static electricity may accumulate and create a fire hazard.

Use non-sparking ventilation systems, approved explosion-proof equipment and intrinsically safe electrical systems in areas where this product is used and stored.

SECTION 8) EXPOSURE CONTROLS, PERSONAL PROTECTION

Eye Protection

Wear eye protection with side shields or goggles. Wear indirect-vent, impact and splash resistant goggles when working with liquids. If additional protection is needed for entire face, use in combination with a face shield.

Skin Protection

Use of gloves approved to relevant standards made from the following materials may provide suitable chemical protection: PVC, neoprene or nitrile rubber gloves. Suitability and durability of a glove is dependent on usage, e.g. frequency and duration of contact, chemical resistance of glove material, glove thickness, dexterity. Always seek advice from glove suppliers. Contaminated gloves should be replaced. Use of an apron and over-boots of chemically impervious materials such as neoprene or nitrile rubber is recommended to avoid skin sensitization. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace. Launder soiled clothes or properly disposed of contaminated material, which cannot be decontaminated.

Respiratory Protection

If engineering controls do not maintain airborne concentrations to a level which is adequate to protect worker, a respiratory protection program that meets or is equivalent to OSHA 29 CFR 1910.134 and ANSI Z88.2 should be followed. Check with respiratory protective equipment suppliers.

Appropriate Engineering Controls

Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective threshold limit value.

Chemical Name	OSHA TWA (mg/m3)	OSHA TWA (ppm)	OSHA STEL (mg/m3)	OSHA STEL (ppm)	OSHA Tables (Z1, Z2, Z3)	OSHA Carcinogen	OSHA Skin designation	NIOSH TWA (mg/m3)	NIOSH TWA (ppm)	NIOSH STEL (mg/m3)	NIOSH STEL (ppm)	NIOSH Carcinogen
METHYL ETHYL KETONE	590	200			1			590	200	885	300	
PROPYL ALCOHOL	500	200			1			500	200	625	250	

Chemical Name	ACGIH TWA (mg/m3)	ACGIH TWA (ppm)	ACGIH STEL (mg/m3)	ACGIH STEL (ppm)	ACGIH Carcinogen	ACGIH TLV Basis	ACGIH Notations
METHYL ETHYL KETONE	590	200	885	300		URT irr; CNS & PNS impair	BEI
PROPYL ALCOHOL		100			A4	Eye & URT irr	A4

(C) - Ceiling limit, A4 - Not Classifiable as a Human Carcinogen, BEI - Substances for which there is a Biological Exposure Index or Indices, CNS - Central nervous system, impair - Impairment, irr - Irritation, PNS - Peripheral nervous system, URT - Upper respiratory tract

SECTION 9) PHYSICAL AND CHEMICAL PROPERTIES

Physical and Chemical Properties

VOC Regulatory(lb/gal)

0.10 lb/gal

Density	1.00 lb/gal
% Solids By Weight	8.00%
Specific Gravity	0.12
% VOC	10.00%
Density VOC	0.10 lb/gal
Ib VOC/lb Solid	1.25 lb/lb
% HAPS	0.00%
Density HAPS	0.00 lb/gal
Ib HAPS/lb Solid	0.00 lb/lb
Ib HAPS/gal Solid	lb/gal
% VHAPS	0.00%
Density VHAPS	0.00 lb/gal
Ib VHAPS/lb Solid	0.00 lb/lb

Appearance	Liquid
Odor Description	N/A
Odor Threshold	N/A
pH	N/A
Flammability	Flash point below 73°F/23°C
Flash Point Symbol	<
Flash Point	15.6 °C
Lower Explosion Level	N/A
Upper Explosion Level	N/A
Water Solubility	N/A
Coefficient Water/Oil	N/A
Vapor Density	N/A
Vapor Pressure	N/A
Low Boiling Point	N/A
High Boiling Point	N/A
Melting Point	N/A
Freezing Point	N/A
Viscosity	N/A
Evaporation Rate	N/A
Decomposition Pt	N/A
Auto Ignition Temp	N/A

SECTION 10) STABILITY AND REACTIVITY

Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

Stability

Stable in normal conditions

Incompatible Materials

Strong oxidizing agents, acids, alkalies, amines and water.

Hazardous reactions/polymerization

Will not occur.

Conditions to avoid

Avoid flame, spark, heat, contact with air/water, visible light and contact with incompatible materials.

SECTION 11) TOXICOLOGICAL INFORMATION

Skin Corrosion/Irritation

No Data Available

Serious Eye Damage/Irritation

No Data Available

Carcinogenicity

No Data Available

Germ Cell Mutagenicity

No Data Available

Reproductive Toxicity

No Data Available

Respiratory/Skin Sensitization

No Data Available

Specific Target Organ Toxicity - Single Exposure

No Data Available

Specific Target Organ Toxicity - Repeated Exposure

No Data Available

Aspiration Hazard

No Data Available

Acute Toxicity

No Data Available

Potential Health Effects - Miscellaneous

0000078-93-3 METHYL ETHYL KETONE

Material is irritating to mucous membranes and upper respiratory tract. Increased susceptibility to the effects of this material may be observed in people with preexisting disease of any of the following: central nervous system, eyes, respiratory system, skin. Prolonged or repeated overexposure may cause any of the following: conjunctivitis, dermatitis. High concentrations have caused embryotoxic effects in laboratory animals. Aspiration may occur during swallowing or vomiting, resulting in lung damage. Ingestion may cause headache, nausea, vomiting, dizziness, and drowsiness.

0000071-23-8 PROPYL ALCOHOL

LC50 (rat): approximately 4000 ppm (4-hour exposure); 2/6 animals died (1)

LD50 (oral, rat): 1870 mg/kg (1)

LD50 (oral, young female rat): 660 mg/kg (3)

LD50 (oral, young male rat): 560 mg/kg (3)

LD50 (oral, rabbit): 2820 mg/kg (2)

LD50 (dermal, rabbit): 4000 mg/kg (cited as 5.04 mL/kg) (1)

0000078-93-3 METHYL ETHYL KETONE

LC50 (male rat): 11,700 ppm (4-hour exposure) (3)

LC50 (male rat): 11,300 ppm (4-hour exposure); cited as 23.5 mg/L (7,990 ppm) (8-hour exposure) (4)

LD50 (oral, adult male rat): 2,740 mg/kg; cited as 3.4 mL/kg (1)

LD50 (dermal, rabbit): greater than 5,000 mg/kg (29)

SECTION 12) ECOLOGICAL INFORMATION

Toxicity

No Data Available

Persistence and Degradability

Product is not expected to persist in the environment.

SECTION 13) DISPOSAL CONSIDERATIONS

Waste Disposal

Under RCRA it is the responsibility of the user of the product to determine at the time of disposal whether the product meets RCRA criteria for hazardous waste. Waste management should be in full compliance with federal, state and local laws.

Empty Containers retain product residue which may exhibit hazards of material, therefore do not pressurize, cut, glaze, weld or use for any other purposes.

COMPONENTS SUBJECT TO US EPA LAND DISPOSAL RESTRICTIONS: Contains Chromium (CAS : 7440-47-3).

SECTION 14) TRANSPORT INFORMATION

U.S. DOT Information

Hazard Class: 3

See 49CFR 172.101 for Special Provisions, Packaging, and QTY Limitations.

Paint, 3, UN 1263, PG II, ERG GUIDE 128

IMDG Information

Paint, 3, UN 1263, PG II, ERG GUIDE 128

Hazard Class: 3

Marine Pollutant: No data available.

IATA Information

Hazard Class: 3

Paint, 3, UN 1263, PG II, ERG GUIDE 128

SECTION 15) REGULATORY INFORMATION

CAS	Chemical Name	% By Weight	Regulation List
0000071-23-8	PROPYL ALCOHOL	68% - 100%	SARA312,VOC,TSCA
0065997-05-9	ROSIN (WOOD)	3% - 7%	SARA312,TSCA
0002807-30-9	ETHYLENE GLYCOL MONOPROPYL ETHER	1.8% - 4%	SARA313, CERCLA,HAPS,SARA312,VOC,TSCA
0000078-93-3	METHYL ETHYL KETONE	0.2% - 3%	CERCLA,SARA312,VOC,TSCA
0007440-47-3	CHROMIUM	0.0% - 0.5%	SARA313, CERCLA,HAPS,SARA312,IARCCarcinogen,TSCA

SECTION 16) OTHER INFORMATION

Glossary

ACGIH- American Conference of Governmental Industrial Hygienists; ANSI- American National Standards Institute; Canadian TDG- Canadian Transportation of Dangerous Goods; CAS- Chemical Abstract Service; Chemtrec- Chemical Transportation Emergency Center (US); CHIP- Chemical Hazard Information and Packaging; DSL- Domestic Substances List; EC- Equivalent Concentration; EH40 (UK)- HSE Guidance Note EH40 Occupational Exposure Limits; EPCRA- Emergency Planning and Community Right-To-Know Act; ESL- Effects screening levels; HMIS- Hazardous Material Information Service; LC- Lethal Concentration; LD- Lethal Dose; NFPA- National Fire Protection Association; OEL- Occupational Exposure Limits; OSHA- Occupational Safety and Health Administration, US Department of Labor; PEL- Permissible Exposure Limit; SARA (Title III)- Superfund Amendments and Reauthorization Act; SARA 313- Superfund Amendments and Reauthorization Act, Section 313; SCBA- Self-Contained Breathing Apparatus; STEL- Short Term Exposure Limit;

OTHER

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Version 1.0:

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Version 1.0

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