

SAFETY DATA SHEET

SECTION 1) CHEMICAL PRODUCT AND MANUFACTURER'S IDENTIFICATION

Product ID: 0585-0000-A004
Product Name: LEATHER / VINYL, ANALINE REPAIR (4OZ) - ALL COLORS
Revision Date: Feb 27, 2018 **Date Printed:** Feb 27, 2018
Version: 1.0 **Supersedes Date:** N.A.
Manufacturer's Name: TOUCH-UP SOLUTIONS
Address: 4372 Providence Mill Rd Maiden, NC, US, 28650
Emergency Phone: 1-800-535-5053 | International : 1-352-323-3500
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Product/Recommended Uses: Touch up and repair

SECTION 2) HAZARDS IDENTIFICATION

Classification

Acute toxicity Oral - Category 4
Eye Irritation - Category 2A
Flammable Liquids - Category 2
Skin Irritation - Category 2

Pictograms



Signal Word

Danger

Hazardous Statements - Physical

Highly flammable liquid and vapor

Hazardous Statements - Health

Harmful if swallowed
Causes serious eye irritation
Causes skin irritation

Precautionary Statements - General

If medical advice is needed, have product container or label at hand.
Keep out of reach of children.
Read label before use.

Precautionary Statements - Prevention

Wash with water and soap thoroughly after handling.
Do not eat, drink or smoke when using this product.
Wear protective gloves/protective clothing/eye protection/face protection.
Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
Keep container tightly closed.

Ground/bond container and receiving equipment.
Use explosion-proof electrical/ventilating/lighting equipment.
Use only non-sparking tools.
Take action to prevent static discharges.

Precautionary Statements - Response

IF SWALLOWED: Call a POISON CENTER or doctor if you feel unwell.
Rinse mouth.
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
If eye irritation persists: Get medical advice/attention.
IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].
In case of fire: Use DRY chemical, alcohol-resistant foam, carbon-dioxide, water spray/fog to extinguish.
IF ON SKIN: Wash with plenty of water.
Specific treatment (see First-aid on this label).
If skin irritation occurs: Get medical advice/attention.
Take off contaminated clothing. And wash it before reuse.

Precautionary Statements - Storage

Store in a well-ventilated place. Keep cool.

Precautionary Statements - Disposal

Dispose of contents/container to disposal recycling center.
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.

SECTION 3) COMPOSITION, INFORMATION ON INGREDIENTS

CAS	Chemical Name	% By Weight
0000141-78-6	ETHYL ACETATE	28% - 34%
0000078-93-3	METHYL ETHYL KETONE	18.310% - 22%
0000108-94-1	CYCLOHEXANONE	19.170% - 20%
0000108-10-1	METHYL ISOBUTYL KETONE	15.980% - 16.960%
0000117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	3.200% - 3.390%

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.
If exposed or concerned: Get medical advice/attention.

Ingestion

Rinse mouth. Immediately call a POISON CENTER/doctor. Do NOT induce vomiting. If vomiting occurs naturally, lie on your side, in the recovery position.

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.

Acetone/water solutions that contain more than 2.5% acetone have flash points. When the acetone concentration is greater than 8% (by weight) in a closed container, it would be within flammable range and cause fire or explosion if a source of ignition were introduced.

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).

Do not touch or walk through spilled material.

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.

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

Contain and cover spills with sand, earth or other suitable inert absorbent materials. DO NOT use combustible materials such as sawdust. 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.

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.

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

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. Always seek advice from glove suppliers. 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

Half-mask air purifying respirator with organic vapor cartridges is acceptable for exposures to ten (10) times the exposure limit.

Full-face air purifying respirator with organic vapor cartridges is acceptable for exposures to fifty (50) times the exposure limit.

Exposure should not exceed the cartridge limit of 1000 ppm. Protection by air purifying respirators is limited. Use a positive pressure demand full-face supplied air respirator or SCBA for exposures greater than fifty (50) times the exposure limit.

If the exposure is above the IDHL (Immediately Dangerous to Life and Health) or there is the possibility of an uncontrolled release, or exposure levels are unknown, then use a positive pressure-demand full-face supplied air respirator with escape bottle or SCBA. Wear a NIOSH/MSHA-approved (or equivalent) full-faced airline respirator in the positive pressure mode with emergency escape provisions.

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 Skin designation	OSHA Carcinogen	NIOSH TWA (mg/m3)	NIOSH TWA (ppm)	NIOSH STEL (mg/m3)	NIOSH STEL (ppm)	NIOSH Carcinogen	ACGIH TWA (mg/m3)
BIS(2-ETHYLHEXYL) PHTHALATE	5						5a		10a		1	5
CYCLOHEXANONE	200	50					100	25				
ETHYL ACETATE	1400	400					1400	400				1440
METHYL ETHYL KETONE	590	200					590	200	885	300		590
METHYL ISOBUTYL KETONE	410	100					205	50	300	75		

Chemical Name	ACGIH TWA (ppm)	ACGIH STEL (mg/m3)	ACGIH STEL (ppm)	ACGIH Notations	ACGIH TLV Basis	ACGIH Carcinogen
BIS(2-ETHYLHEXYL) PHTHALATE				A3	LRT irr	A3
CYCLOHEXANONE	20		50	Skin; A3	Eye & URT irr	A3
ETHYL ACETATE	400				URT & eye irr	
METHYL ETHYL KETONE	200	885	300	BEI	URT irr; CNS & PNS impair	
METHYL ISOBUTYL KETONE	20	307	75	A3; BEI	URT irr; dizziness;	A3

(C) - Ceiling limit, A3 - Confirmed Animal Carcinogen with Unknown Relevance to Humans, BEI - Substances for which there is a Biological Exposure Index or Indices, CNS - Central nervous system, impair - Impairment, irr - Irritation, LRT - Lower respiratory tract, PNS - Peripheral nervous system, URT - Upper respiratory tract

SECTION 9) PHYSICAL AND CHEMICAL PROPERTIES

Physical and Chemical Properties

% Solids by Vol	
Density	7.36 lb/gal
Density HAPS	2.95 lb/gal
Density VHAPS	2.95 lb/gal
Density VOC	6.73 lb/gal
lb HAPS/gal Solid	lb/gal
lb HAPS/lb Solid	lb/lb
lb VHAPS/gal Solid	lb/gal
lb VHAPS/lb Solid	lb/lb
lb VOC/gal Solid	lb/gal
lb VOC/lb Solid	lb/lb
Specific Gravity	0.88
% HAPS	40.11%
% Solids By Weight	0.00%
% VHAPS	40.11%
% VOC	91.47%

Appearance	N/A
Odor Description	N/A
Odor Threshold	N/A
pH	N/A
Flammability	N/A
Flash Point Symbol	N/A
Flash Point	N/A
Lower Explosion Level	N/A
Upper Explosion Level	N/A
Low Boiling Point	N/A
High Boiling Point	N/A
Water Solubility	N/A
Viscosity	N/A
Freezing Point	N/A
Melting Point	N/A
Vapor Pressure	N/A
Vapor Density	N/A
Coefficient Water/Oil	N/A
Auto Ignition Temp	N/A
Evaporation Rate	N/A
Decomposition Pt	N/A

SECTION 10) STABILITY AND REACTIVITY

Hazardous reactions/polymerization

Will not occur.

Hazardous decomposition products

Combustion may product carbon monoxide, carbon dioxide and other asphyxiants.

Stability

Stable in normal conditions

Incompatible Materials

Strong oxidizing agents. Acetone may form explosive mixtures with chromic anhydride, chromyl alcohol, hexachloromelamine, hydrogen peroxide, peroxymonosulfuric acid, potassium tert-butoxide, and thioglycol.

Conditions to avoid

Avoid flame, spark, heat and contact with incompatible materials.

SECTION 11) TOXICOLOGICAL INFORMATION

Skin Corrosion/Irritation

Prolonged or repeated contact can result in defatting and drying of the skin, which may result in skin dermatitis and irritation.

Causes skin irritation

Serious Eye Damage/Irritation

Contact with the eyes may cause moderate to severe irritation.

Causes serious eye irritation

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

The following diseases or disorders may be aggravated by exposure to this product: Skin, Eye, and Lung irritations.

No Data Available

Aspiration Hazard

No Data Available

Acute Toxicity

Product may be harmful or fatal if swallowed and is a pulmonary aspiration hazard.

Ingestion of this product may cause central nervous system effects, which may include dizziness, loss of balance/coordination, unconsciousness, coma, and even death.

Inhalation of high concentrations of this product may lead to central nervous system effects (drowsiness, nausea, headaches, paralysis, loss of consciousness and even death).

Harmful if swallowed

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.

0000108-10-1 METHYL ISOBUTYL KETONE

The following medical conditions may be aggravated by exposure: asthma, respiratory disease, eye disorders, pulmonary conditions, skin disorders. Repeated or prolonged skin contact may cause any of the following: dryness, cracking of the skin, defatting. Inhalation may cause any of the following: dizziness, stupor (central nervous system depression), drowsiness, respiratory tract irritation.

0000108-94-1 CYCLOHEXANONE

Can be absorbed through the skin in harmful amounts. Recurrent overexposure may result in liver and kidney injury. Liquid splashes in the eye may result in chemical burns. Tests for mutagenic activity in bacterial or mammalian cell cultures have been inconclusive.

0000141-78-6 ETHYL ACETATE

Increased susceptibility to the effects of this material may be observed in people with preexisting disease of any of the following: eyes, respiratory system, skin. Tests in laboratory animals have shown effects on any of the following organs/systems: blood, kidneys, liver.

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)

0000108-10-1 METHYL ISOBUTYL KETONE

LC50 (rat): 2000 - 4000 ppm (4-hour exposure) (1)

LD50 (oral, rat): 2,080 mg/kg (1)

LD50 (oral, male mouse): 1,200 mg/kg; cited as 1.5 mL/kg (3)

LD50 (dermal, rabbit): greater than 3000 mg/kg (9)

0000108-94-1 CYCLOHEXANONE

LC50 (rat): 2639 ppm (4-hour exposure) (1)

LD50 (oral, female rat): 1340 mg/kg (cited as 1.41 mL/kg) (1)

LD50 (dermal, rabbit): 950 mg/kg (cited as 1.00 mL/kg) (1)

0000117-81-7 BIS(2-ETHYLHEXYL)PHTHALATE

LD50 (oral, rat):30 gm/kg

LD50(oral,mouse): 1500 mg/kg

0000141-78-6 ETHYL ACETATE

LC50 (rat): 19600 ppm (4-hour exposure); cited as 16000 ppm (6-hour exposure) (10)

LC50 (mouse): 10600 ppm (38100 mg/m3) (4-hour exposure); cited as 44000 mg/m3 (3-hour exposure) (8)

LD50 (oral, rat): 10200 mg/kg (cited as 11.3 mL/kg) (7); 5600 mg/kg (5,13)

LD50 (oral, mouse): 4100 mg/kg (11)

LD50 (oral, rabbit): 4900 mg/kg (9)

LD50 (oral, guinea pig): 5500 mg/kg (11)

LD50 (dermal, rabbit): Greater than 18000 mg/kg (cited as 20 m

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

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

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.

SECTION 14) TRANSPORT INFORMATION

U.S. DOT Information

Shipping Name: Paint Related Material

Hazard Class: 3

UN 1263, PG II, ERG GUIDE 128

IMDG Information

Shipping Name: Paint Related Material

Hazard Class: 3

UN 1263, PG II, ERG GUIDE 128

Marine Pollutant: No data available.

IATA Information

Shipping Name: Paint Related Material

Hazard Class: 3

UN 1263, PG II, ERG GUIDE 128

SECTION 15) REGULATORY INFORMATION

CAS	Chemical Name	% By Weight	Regulation List
0000078-93-3	METHYL ETHYL KETONE	18.310% - 22%	CA_TAC_TOX,CA_TOX
0000108-94-1	CYCLOHEXANONE	19.170% - 20%	IARCCarcinogen
0000108-10-1	METHYL ISOBUTYL KETONE	15.980% - 16.960%	SARA313, CA_TAC_TOX,CA_TOX,CA_Carcinogen
0000117-81-7	BIS(2-ETHYLHEXYL) PHTHALATE	3.200% - 3.390%	SARA313, IARCCarcinogen,CA_TAC_TOX,CA_TOX,CA_Carcinogen

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; TCEQ- Texas Commission on Environmental Quality; TLV- Threshold Limit Value; TSCA- Toxic Substances Control Act Public Law 94-469; TWA- Time Weighted Value; US DOT- US Department of Transportation; WHMIS- Workplace Hazardous Materials Information System.

OTHER

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