

SAFETY DATA SHEET

SECTION 1) CHEMICAL PRODUCT AND MANUFACTURER'S IDENTIFICATION

Product ID: 0324-XXXX-XX13
Product Name: AEROSOL GLAZE STAIN - GENERAL FORMULA
Revision Date: May 04, 2016 **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
Information Phone Number: 1-828-428-9094
Fax: 1-828-428-9970
Product/Recommended Uses: Touch up and repair

SECTION 2) HAZARDS IDENTIFICATION

Classification

Aerosols Category 1
Chronic aquatic toxicity - Category 3
Specific Target Organ Toxicity - Single Exposure - Category 1
Acute toxicity Inhalation - Category 4
Skin Irritation - Category 2
Eye Irritation - Category 2A
Carcinogenicity - Category 1B
Aspiration Hazard - Category 1
Carcinogenicity - Category 1A
Eye Irritation - Category 2
Flammables gases - Category 1
Flammable Liquids - Category 4
Gases Under Pressure Liquefied Gas
Germ Cell Mutagenicity - Category 1B
Reproductive Toxicity - Category 2
Skin Irritation - Category 3
Specific Target Organ Toxicity - Repeated Exposure - Category 1

2.1 Classification

Specific Target Organ Toxicity -Single Exposure (Narcotic Effects) - Category 3

Pictograms



Signal Word

Danger

Hazardous Statements - Physical

- Extremely flammable gas
- Combustible Liquid
- Contains gas under pressure; may explode if heated

Hazardous Statements - Health

- May be fatal if swallowed and enters airways
- May cause cancer.
- Causes serious eye irritation
- May cause genetic defects.
- Suspected of damaging fertility or the unborn child.
- Causes mild skin irritation
- Causes damage to organs through prolonged or repeated exposure.

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

- Obtain special instructions before use.
- Do not handle until all safety precautions have been read and understood.
- Wear protective gloves/protective clothing/eye protection/face protection.
- Wash with water and soap thoroughly after handling.
- Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
- Do not breathe dust/fume/gas/mist/vapors/spray.
- Do not eat, drink or smoke when using this product.

Precautionary Statements - Response

- IF SWALLOWED: Immediately call a POISON CENTER or doctor.
- Do NOT induce vomiting.
- IF exposed or concerned: Get medical advice/attention.
- 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.
- Leaking gas fire - do not extinguish unless leak can be stopped safely.
- In case of leakage, eliminate all ignition sources.
- In case of fire: Use DRY chemical, alcohol-resistant foam, carbon-dioxide, water spray/fog to extinguish.
- If skin irritation occurs: Get medical advice/attention.
- Get Medical advice/attention if you feel unwell.

Precautionary Statements - Storage

- Store locked up.
- Store in a well-ventilated place.
- Protect from sunlight. Store in a well-ventilated place.

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.

Acute toxicity of 2.31% of the mixture is unknown

SECTION 3) COMPOSITION, INFORMATION ON INGREDIENTS

CAS	Chemical Name	% By Weight
0000074-98-6	PROPANE	40.56%
0064742-48-9	NAPHTHA, HEAVY HYDROTREATED (PETROLEUM)	18.06%
0001332-58-7	KAOLIN	11.77%
0000075-28-5	ISOBUTANE	8.69%
0001333-86-4	CARBON BLACK	5.56%
0064742-88-7	MEDIUM MINERAL SPIRITS	4.08%
NA-BlueRidgeSo	RESIN SOLIDS PROPRIETARY	1.73%
0068527-24-2	HYDROCARBON RESIN	1.59%
0064742-95-6	AROMATIC HYDROCARBON MIXTURE >C9	1.41%
0008052-41-3	STODDARD SOLVENT	1.11%
0034590-94-8	DIPROPYLENE GLYCOL MONOMETHYL ETHER	0.61%
0064742-47-8	ISOPARAFFINIC PETROLEUM DISTILLATE	0.56%
0064742-89-8	ALIPHATIC, LIGHT HYDROCARBON SOLVENT	0.56%
NA-DegussaCorp	NJTSR 56705700001-5014P	0.56%
0000071-36-3	N-BUTYL ALCOHOL	0.56%
0008032-32-4	NAPHTHA, VM&P	0.56%
0000078-83-1	ISOBUTYL ALCOHOL	0.56%
0000110-19-0	ISO-BUTYL ACETATE	0.56%
0001330-20-7	XYLENE	0.56%
0008002-43-5	SOYBEAN LECITHIN	0.36%
0000110-69-0	Butyraldoxime	0.02%

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 immediately all contaminated clothing, shoes and leather goods (e.g. watchbands, belts). Rinse skin with lukewarm, gently flowing water for a duration of 15-20 minutes. Immediately call a POISON CENTER/doctor. Wash contaminated clothing before re-use or discard.

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

Take precautions to ensure your own safety (e.g. wear appropriate protective equipment). Remove source of exposure or move person to fresh air and keep comfortable for breathing. Call a POISON CENTER/doctor, if you feel unwell.

Important symptoms and effects, both acute and chronic

High concentrations of this product may lead to central nervous system effects (drowsiness, nausea, headaches, paralysis, loss of consciousness and even death). High vapor concentrations are irritating to the eyes, nose, throat, and lungs.

Indication of any immediate medical attention and special treatment needed

No data available.

SECTION 5) FIRE-FIGHTING MEASURES

Unsuitable Extinguishing Media

Do not use water jet.

Special hazards in case of fire

Flammable Liquid. Can release vapors that form explosive mixtures at temperature at or above the flash point.

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

Vapors may be ignited by heat, sparks, flames, or other sources of ignition at or above the low flash point giving rise to a Class B fire. Vapors are heavier than air and may travel to a source of ignition and flash back.

Hazardous Combustion Products: Carbon monoxide, Carbon dioxide, Toxic gases, Hydrogen cyanide, & Nitrogen containing gases.

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

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 Carcinogen	OSHA STEL (mg/m3)	OSHA STEL (ppm)	OSHA Tables (Z1, Z2, Z3)	OSHA Skin designation	NIOSH TWA (mg/m3)	NIOSH TWA (ppm)	NIOSH STEL (mg/m3)	NIOSH STEL (ppm)	NIOSH Carcinogen
ALIPHATIC, LIGHT HYDROCARBON SOLVENT	2000	500				1						
AROMATIC HYDROCARBON MIXTURE >C9	2000	500				1						
CARBON BLACK	3.5					1		3.5a				1
DIPROPYLENE GLYCOL MONOMETHYL ETHER	600	100				1	1	600	100	900	150	
ISOBUTANE								1900	800			
ISOBUTYL ALCOHOL	300	100				1		150	50			
ISOPARAFFINIC PETROLEUM DISTILLATE	2000	500				1						
KAOLIN	[15]; [5 (a)];					1		10,5a				
NAPHTHA, HEAVY HYDROTREATED (PETROLEUM)	2000	500				1						
NAPHTHA, VM&P								350				
N-BUTYL ALCOHOL	300	100				1						
PROPANE	1800	1000				1		1800	1000			
STODDARD SOLVENT	2900	500				1		350				
XYLENE	435	100				1		435	100	655	150	

Chemical Name	ACGIH TWA (mg/m3)	ACGIH TWA (ppm)	ACGIH STEL (mg/m3)	ACGIH STEL (ppm)	ACGIH Carcinogen	ACGIH TLV Basis	ACGIH Notations
ALIPHATIC, LIGHT HYDROCARBON SOLVENT							
AROMATIC HYDROCARBON MIXTURE >C9							
CARBON BLACK	3 (I)				A3	Bronchitis	A3
DIPROPYLENE GLYCOL MONOMETHYL ETHER	606	100	909	150		Eye & URT irr; CNS impair	Skin
ISOBUTANE		1000				CNS impair	
ISOBUTYL ALCOHOL	152	50				Skin & eye irr	
ISOPARAFFINIC PETROLEUM DISTILLATE							
KAOLIN	2 (E,R)				A4	Pneumococcosis	A4
NAPHTHA, HEAVY HYDROTREATED (PETROLEUM)							
NAPHTHA, VM&P							
N-BUTYL ALCOHOL		20				Eye & URT irr	
PROPANE		See Appendix F: Minimal Oxygen Content				Card sens; CNS impair	
STODDARD SOLVENT	572	100				Eye, skin, & kidney dam; nausea; CNS impair	
XYLENE	434	100	651	150	A4	URT & eye irr; CNS impair	A4; BEI

(C) - Ceiling limit, (I) - Inhalable fraction, A3 - Confirmed Animal Carcinogen with Unknown Relevance to Humans, A4 - Not Classifiable as a Human Carcinogen, BEI - Substances for which there is a Biological Exposure Index or Indices, card - cardiac, CNS - Central nervous system, dam - Damage, impair - Impairment, irr - Irritation, sens - sensitization, URT - Upper respiratory tract

SECTION 9) PHYSICAL AND CHEMICAL PROPERTIES

Summary

See below

Physical and Chemical Properties

% Solids by Vol

Density	1.70 lb/gal
Density HAPS	9.468850E-03 lb/gal
Density VHAPS	9.468850E-03 lb/gal
Density VOC	0.40 lb/gal

lb HAPS/gal Solid	lb/gal
lb HAPS/lb Solid	0.12 lb/lb
lb VHAPS/gal Solid	lb/gal
lb VHAPS/lb Solid	0.12 lb/lb
lb VOC/gal Solid	lb/gal
lb VOC/lb Solid	5.09 lb/lb
Specific Gravity	0.20
% HAPS	0.56%
% Solids By Weight	4.58%
% VHAPS	0.56%
% VOC	23.35%

Appearance	N/A
Odor Description	Viscous liquid with an odr characteristic of the solvents listed in Section 2.
Odor Threshold	N/A
Flammability	N/A
Flash Point Symbol	N/A
Flash Point	156 °F
Lower Explosion Level	2.2
Upper Explosion Level	12.8
Low Boiling Point	N/A
High Boiling Point	N/A
Melting Point	N/A
Freezing Point	N/A
Vapor Density (Air =1)	N/A
Vapor Pressure	N/A
pH	N/A
Water Solubility	N/A
Viscosity	N/A
Evaporation Rate	N/A
Decomposition Pt	N/A
Coefficient Water/Oil	N/A
Auto Ignition Temp	N/A

SECTION 10) STABILITY AND REACTIVITY

Hazardous reactions/polymerization

Will not occur.

Hazardous decomposition products

Oxides of carbon, hydrogen cyanide, nitrogen containing gases.

Stability

Stable in normal conditions

Incompatible Materials

Strong acids, alkalies and amines.

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

Likely route of exposure

Inhalation, Ingestion, Skin contact, Eye contact.

Skin Corrosion/Irritation

Can be absorbed through the skin but exposure must be extensive before adverse health effects occur.

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

Causes mild skin irritation

Serious Eye Damage/Irritation

Causes serious eye irritation

Carcinogenicity

May cause cancer.

Germ Cell Mutagenicity

May cause genetic defects.

Reproductive Toxicity

Suspected of damaging fertility or the unborn child.

Respiratory/Skin Sensitization

No Data Available

Specific Target Organ Toxicity - Single Exposure

No Data Available

Specific Target Organ Toxicity - Repeated Exposure

Causes damage to organs through prolonged or repeated exposure.

Aspiration Hazard

May be fatal if swallowed and enters airways

Acute Toxicity

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

No Data Available

Potential Health Effects - Miscellaneous

0000071-36-3 N-BUTYL ALCOHOL

May cause abnormal blood forming function with anemia. Liquid splashes in the eye may result in chemical burns.

0000078-83-1 ISOBUTYL ALCOHOL

Has shown carcinogenic activity in laboratory animals at high doses. Significance to man is unknown. May cause irritation of the mucous membranes. May cause abnormal liver function. 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: bone marrow, liver. Prolonged skin contact may cause chemical burns. Liquid splashes in the eye may result in chemical burns.

0001330-20-7 XYLENE

Increased susceptibility to the effects of this material may be observed in people with preexisting disease of any of the following: bone marrow, cardiovascular system, central nervous system, kidneys, liver, lungs. Recurrent overexposure may result in liver and kidney injury. High exposures may produce irregular heart beats. Canada classifies Xylene as a developmental toxin as high exposures to xylenes in some animal studies have been reported to cause health effects on the developing fetus/embryo. These effects were often at levels toxic to the adult animal. The significance of these effects to humans is not known. Repeated or prolonged skin contact may cause any of the following: irritation, dryness, cracking of the skin.

0001332-58-7 KAOLIN

The following medical conditions may be aggravated by exposure: asthma, dermatitis. Repeated or prolonged inhalation may cause any of the following: lung injury.

0001333-86-4 CARBON BLACK

Is an IARC, NTP or OSHA carcinogen. Has shown carcinogenic activity in laboratory animals at high doses. Significance to man is unknown. The following medical conditions may be aggravated by exposure: asthma, respiratory disease. WARNING: This chemical is known to the State of California to cause cancer.

0064742-48-9 NAPHTHA, HEAVY HYDROTREATED (PETROLEUM)

Laboratory studies with rats have shown that petroleum distillates can cause kidney damage and kidney or liver tumors. These effects were not seen in similar studies with guinea pigs, dogs, or monkeys. Several studies evaluating petroleum workers have not shown a significant increase of kidney damage or an increase in kidney or liver tumors.

0064742-88-7 MEDIUM MINERAL SPIRITS

Increased susceptibility to the effects of this material may be observed in people with preexisting disease of any of the following: central nervous system, kidneys, liver, respiratory system, skin. This substance may cause damage to any of the following organs/systems: blood, central nervous system, eyes, kidneys, liver, lungs, reproductive system, skin. Laboratory studies with rats have shown that petroleum distillates can cause kidney damage and kidney or liver tumors. These effects were not seen in similar studies with guinea pigs, dogs, or monkeys. Several studies evaluating petroleum workers have not shown a significant increase of kidney damage or an increase in kidney or liver tumors.

0064742-89-8 ALIPHATIC, LIGHT HYDROCARBON SOLVENT

Laboratory studies with rats have shown that petroleum distillates can cause kidney damage and kidney or liver tumors. These effects were not seen in similar studies with guinea pigs, dogs, or monkeys. Several studies evaluating petroleum workers have not shown a significant increase of kidney damage or an increase in kidney or liver tumors.

0064742-95-6 AROMATIC HYDROCARBON MIXTURE >C9

The following medical conditions may be aggravated by exposure: skin disorders. Laboratory studies with rats have shown that petroleum distillates can cause kidney damage and kidney or liver tumors. These effects were not seen in similar studies with guinea pigs, dogs, or monkeys. Several studies evaluating petroleum workers have not shown a significant increase of kidney damage or an increase in kidney or liver tumors.

Chronic Exposure

0001330-20-7 XYLENE

High exposure to Xylenes in some animal studies have been reported to cause health effects on the developing embryo/fetus.

Xylene in high concentrations has caused embryotoxic effects in laboratory animals.

0001333-86-4 CARBON BLACK

CARCINOGENIC EFFECTS: In 1996, the IARC reevaluated Carbon Black as a Group 2B carcinogen. This evaluation is given to carbon black for which there is inadequate human evidence, but sufficient animal evidence.

Prolonged inhalation of Carbon black can result in lung disease. Symptoms include coughing, shortness of breath, wheezing and reduced pulmonary function.

0000071-36-3 N-BUTYL ALCOHOL

LC50 (rat): greater than 8000 ppm (4-hour exposure) (14)

LD50 (oral, rat): 2510 mg/kg (15)

LD50 (oral, male rat): 790 mg/kg (16)*

LD50 (oral, female rat): 2020 mg/kg (16)* *(Note: the rats used in this study appear to have been very young (60-100 grams).)

LD50 (oral, hamster): 1200 mg/kg (11, original)

0000075-28-5 ISOBUTANE

LC50 (mouse, inhalation): 520,000 ppm (52%); 2-hour exposure.(4)

0000078-83-1 ISOBUTYL ALCOHOL

LD50 (oral, rat): 2460 mg/kg.(7)

LD50 (oral, rabbit): 3000 mg/kg (reported as 41 mmol/kg) (8)

LD50 (dermal, rabbit): 3400 mg/kg (reported as 4.24 mL/kg).(7)

0000110-19-0 ISO-BUTYL ACETATE

LC50 (rat): approximately 8000 ppm (4-hour exposure); 4 out of 6 rats died (3)

LD50 (oral, rat): 13400 mg/kg (cited as 15.4 mL/kg) (1)

LD50 (oral, rabbit): 4800 mg/kg (cited as 41 mmol/kg) (4)

LD50 (dermal, rabbit): Greater than 5000 mg/kg (1)

0001330-20-7 XYLENE

LC50 (rat): 6350 ppm (4-hour exposure) (unspecified isomers and ethylbenzene) (1)LC50 (rat): 6700 ppm (4-hour exposure) (65% m-xylene, 7.6% o-xylene, 7.8% p-xylene, 19.3% ethylbenzene) (2) ethylbenzene) (1)

LC50 (rat): 6700 ppm (4-hour exposure) (65% m-xylene, 7.6% o-xylene, 7.8% p-xylene, 19.3% ethylbenzene)(2)

LD50 (oral, rat): 5400 mg/kg (52% m-, 19% o-, 24% p-) (1)LD50 (oral, female mouse): 5251 mg/kg (60.2% m-, 9.1% o-, 14.6% p-, 17.0% ethylbenzene) (4)

LD50 (oral, male mouse): 5627 mg/kg (60.2% m-, 9.1% o-, 14.6% p-, 17.0% ethylbenzene) (4)

LD50 (dermal, rabbit): 12180 mg/kg (m-xylene); greater than 1700 mg/kg (mixed xylenes - undefined composition) (3)

LD50 (oral, female mouse): 5251 mg/kg (60.2% m-, 9.1% o-, 14.6% p-, 17.0% ethylbenzene) (4)

LD50 (oral, male mouse): 5627 mg/kg (60.2% m-, 9.1% o-, 14.6% p-, 17.0% ethylbenzene) (4)

LD50 (dermal, rabbit): 12180 mg/kg (m-xylene); greater than 1700 mg/kg (mixed xylenes - undefined composition) (3)

0001333-86-4 CARBON BLACK

LC50 (rat): 6750 mg/m3 (4-hour exposure); cited as 27000 mg/m3 (27 mg/L) (1-hour exposure) (3)

0008052-41-3 STODDARD SOLVENT

LC50 (rat): greater than 5500 mg/m3 (880 ppm) (whole body exposure for 4 hours) (1)

LC50 (rat): greater than 8200 mg/m3 (1300 ppm) (2)

LD50 (oral, rat): greater than 5 g/kg (1)

LD50 (dermal, rabbit): greater than 3 g/kg (1)

LD50 (oral, rat): 5.22 g/kg (reported as 5.50 mL/kg) (male rat); 5.18 g/kg (reported as 5.45 mL/kg) (female rat).(3)
LD50 (oral, dog): 7.13 g/kg (reported as 7.5 mL/kg).(3) NOTE: In the study with rats, death was due to narcosis (central nervous sys

SECTION 12) ECOLOGICAL INFORMATION

Toxicity

No Data Available

Persistence and Degradability

0001333-86-4 CARBON BLACK

Carbon Black's insolubility in water results in it not being biodegradable in any medium or by biota. It is considered persistent in the natural environment.

0064742-47-8 ISOPARAFFINIC PETROLEUM DISTILLATE

Expected to be inherently biodegradable. The volatile constituents will oxidize rapidly by photochemical reactions in air.

Bio-accumulative Potential

0001333-86-4 CARBON BLACK

A relevant bioaccumulation potential of carbon black is not expected based on its insolubility in organic solvents and in water. Furthermore, since the aggregate diameter of carbon black varies between 80 nm and 810 nm, bioaccumulation of particulate carbon black is not likely owing to the large diameter of the solid aggregate particles.

0064742-47-8 ISOPARAFFINIC PETROLEUM DISTILLATE

Contains constituents with the potential to bio accumulate.

Mobility in Soil

0064742-47-8 ISOPARAFFINIC PETROLEUM DISTILLATE

Floats on water. Contains volatile constituents. Evaporates within a day from water or soil surfaces. Large volumes may penetrate soil and could contaminate groundwater.

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.

SECTION 14) TRANSPORT INFORMATION

U.S. DOT Information

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

Marine Pollutant: No data available.

IATA Information

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

TRANSPORT INFORMATION

SECTION 15) REGULATORY INFORMATION

CAS	Chemical Name	% By Weight	Regulation List
0000074-98-6	PROPANE	40.56%	SARA312,VOC,TSCA
0064742-48-9	NAPHTHA, HEAVY HYDROTREATED (PETROLEUM)	18.06%	SARA312,VOC,TSCA,TSCA_UVCB - CHEMICAL SUBSTANCES OF UNKNOWN OR VARIABLE COMPOSITION, COMPLEX REACTION PRODUCTS AND BIOLOGICAL MATERIALS
0001332-58-7	KAOLIN	11.77%	SARA312,TSCA,TSCA_UVCB - CHEMICAL SUBSTANCES OF UNKNOWN OR VARIABLE COMPOSITION, COMPLEX REACTION PRODUCTS AND BIOLOGICAL MATERIALS
0000075-28-5	ISOBUTANE	8.69%	SARA312,VOC,TSCA
0001333-86-4	CARBON BLACK	5.56%	SARA312,IARCCarcinogen,TSCA,CA_TOX,CA_Carcinogen,TSCA_UVCB - CHEMICAL SUBSTANCES OF UNKNOWN OR VARIABLE COMPOSITION, COMPLEX REACTION PRODUCTS AND BIOLOGICAL MATERIALS
0064742-88-7	MEDIUM MINERAL SPIRITS	4.08%	SARA312,VOC,TSCA,TSCA_UVCB - CHEMICAL SUBSTANCES OF UNKNOWN OR VARIABLE COMPOSITION, COMPLEX REACTION PRODUCTS AND BIOLOGICAL MATERIALS
NA-BlueRidgeSo	RESIN SOLIDS PROPRIETARY	1.73%	SARA312
0068527-24-2	HYDROCARBON RESIN	1.59%	SARA312,VOC,TSCA,TSCA_UVCB - CHEMICAL SUBSTANCES OF UNKNOWN OR VARIABLE COMPOSITION, COMPLEX REACTION PRODUCTS AND BIOLOGICAL MATERIALS
0064742-95-6	AROMATIC HYDROCARBON MIXTURE >C9	1.41%	SARA312,VOC,TSCA,TSCA_UVCB - CHEMICAL SUBSTANCES OF UNKNOWN OR VARIABLE COMPOSITION, COMPLEX REACTION PRODUCTS AND BIOLOGICAL MATERIALS
0008052-41-3	STODDARD SOLVENT	1.11%	SARA312,VOC,TSCA,TSCA_UVCB - CHEMICAL SUBSTANCES OF UNKNOWN OR VARIABLE COMPOSITION, COMPLEX REACTION PRODUCTS AND BIOLOGICAL MATERIALS
0034590-94-8	DIPROPYLENE GLYCOL MONOMETHYL ETHER	0.61%	SARA312,VOC,TSCA,CA_TOX
0064742-47-8	ISOPARAFFINIC PETROLEUM DISTILLATE	0.56%	SARA312,VOC,TSCA,TSCA_UVCB - CHEMICAL SUBSTANCES OF UNKNOWN OR VARIABLE COMPOSITION, COMPLEX REACTION PRODUCTS AND BIOLOGICAL MATERIALS
0064742-89-8	ALIPHATIC, LIGHT HYDROCARBON SOLVENT	0.56%	SARA312,VOC,TSCA,TSCA_UVCB - CHEMICAL SUBSTANCES OF UNKNOWN OR VARIABLE COMPOSITION, COMPLEX REACTION PRODUCTS AND BIOLOGICAL MATERIALS
0000071-36-3	N-BUTYL ALCOHOL	0.56%	SARA313, SARA312,VOC,TSCA,CA_TOX
0008032-32-4	NAPHTHA, VM&P	0.56%	SARA312,VOC,TSCA,TSCA_UVCB - CHEMICAL SUBSTANCES OF UNKNOWN OR VARIABLE COMPOSITION, COMPLEX REACTION PRODUCTS AND BIOLOGICAL MATERIALS
0000078-83-1	ISOBUTYL ALCOHOL	0.56%	SARA312,VOC,TSCA
0001330-20-7	XYLENE	0.56%	SARA313, SARA312,VOC,IARCCarcinogen,TSCA,CA_TAC_TOX

SECTION 16) OTHER INFORMATION

OTHER

Part 1: The information contained in this MSDS was obtained from current and reliable sources, however, the data is provided without any warranty, expressed or implied, regarding its correctness or accuracy.

Part 2: Since the conditions or handling, storage and disposal of this product are beyond the control of Touch-Up Solutions LLC. Touch-Up Solutions LLC will not be responsible for loss, injury, or expense arising out of the products improper use.

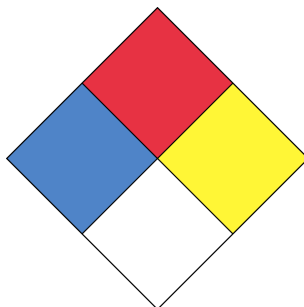
Part 3: No warranty, expressed or inferred, regarding the product described in this MSDS shall be created or inferred by any statement in this MSDS.

Part 4: Various government agencies may have specific regulations regarding the transportation, handling, storage, use, or disposal of this product which may not be covered by this MSDS. The user is responsible for full compliance.

HMIS

Health	1 2
FLAMMABILITY	4
Physical Hazard	0
Personal Protection	B

NFPA



(*) - Chronic effects

Caution: HMIS® ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks

DISCLAIMER

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