



Material Safety Data Sheet

Protective Clothing	HCS	DOT
	Class: Combustible liquid having a flash point between 37.8°C (100°F) and 93.3°C (200°F).	

Section I. Product Identification and Uses

Synonyms	ALKYD GLOSS SAND DRIFT #7811	CI#	Not applicable.
Common/Trade name	Not available.	DSL	
Chemical name	Not applicable.	CAS#	Mixture.
Chemical formula	Not applicable.	Code	220
Chemical family	Aliphatic hydrocarbon (light). (Solvent.)	Molecular weight	Not applicable.
Supplier	UCP Inc. 19500 Transcanada, Baie D'Urfee, Québec H9X 3S8 CANADA TELEPHONE NUMBER: (514) 457-1512	Manufacturer	UCP Inc. 19500 Transcanada, Baie D'Urfee, Québec H9X 3S8 CANADA TELEPHONE NUMBER: (514) 457-1512
Material uses	Coatings: Paint.		

Section IA. First Aid Measures

Eye contact	Check for and remove any contact lenses. Immediately flush eyes with running water for at least 15 minutes, keeping eyelids open. Get medical attention immediately.
Skin contact	In case of contact, immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Cover the irritated skin with an emollient. Wash clothing before reuse. Thoroughly clean shoes before reuse. Get medical attention.
Hazardous skin contact	Wash with a disinfectant soap and cover the contaminated skin with an anti-bacterial cream. Seek immediate medical attention.
Slight inhalation	If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.
Hazardous inhalation	Not available.
Slight ingestion	Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Loosen tight clothing such as a collar, tie, belt or waistband. Get medical attention if symptoms appear.
Hazardous ingestion	Not available.

Section II. Hazardous Ingredients

Name	CAS #	% by Weight	TLV/PEL	LC ₅₀ /LD ₅₀
No hazardous ingredient.				

Section III. Physical Data

Physical state and appearance	Liquid.	Odor	Slight.
pH (1% soln/water)	Not applicable.	Taste	Not available.
Odor threshold	Not available.	Color	Light Brown/Beige
Volatility	100% (v/v). (Mineral spirits.) Weighted average: 100% (v/v) 45% (w/w). (Long Oil Alkyd.) Weighted average: 45% (w/w).		

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Melting point	Not available.
Boiling point	The lowest known value is 155°C (311°F) (Long Oil Alkyd). Weighted average: 158.19°C (316.7°F)
Specific gravity	Weighted average: 1.07 (Water = 1)
Vapor density	The highest known value is 4.8 (Air = 1) (Mineral spirits).
Vapor pressure	The highest known value is 0.3 kPa (@ 20°C) (Long Oil Alkyd). Weighted average: 0.3 kPa (@ 20°C)
Evaporation rate	Not available.
Viscosity	Not available.
LogK _{ow}	The product is much more soluble in oil.
Ionicity (surface active agent)	Not available.
Critical temperature	Not available.
Instability temperature	Not available.
Conditions of instability	Not available.
Dispersion properties	Is not dispersed in cold water, hot water. See solubility in methanol, diethyl ether, n-octanol, acetone.
Solubility	Easily soluble in diethyl ether, n-octanol, acetone. Soluble in methanol. Insoluble in cold water, hot water.

Section IV. Fire and Explosion Data

The product is:	COMBUSTIBLE.
Auto-ignition temperature	The lowest known value is 240°C (464°F) (Mineral spirits).
Fire degradation products	These products are carbon oxides (CO, CO ₂), nitrogen oxides (NO, NO ₂ ...).
Flash points	The lowest known value is CLOSED CUP: 42°C (107.6°F). (Long Oil Alkyd)
Flammable limits	The greatest known range is LOWER: 1% UPPER: 5% (Mineral spirits)
Fire extinguishing procedures	combustible liquid, insoluble in water. SMALL FIRE: Use DRY chemical powder. LARGE FIRE: Use water spray or fog. Never direct a water jet in the container in order to prevent any splashing of the product which could cause spreading of the fire. Cool containing vessels with water jet in order to prevent pressure build-up, autoignition or explosion.
Flammability	Flammable in presence of open flames and sparks. Slightly flammable to flammable in presence of heat, of oxidizing materials, of reducing materials, of combustible materials. Non-flammable in presence of shocks, of organic materials, of metals, of acids, of alkalis, of moisture. Remark Container explosion may occur under fire conditions or when heated. Vapor may travel considerable distance to source of ignition and flash back. (Mineral spirits)
Risks of explosion	Risks of explosion of the product in presence of mechanical impact: Not available. Risks of explosion of the product in presence of static discharge: Not available. Remark Not available.

Section V. Reactivity Data

Stability	The product is stable.
Hazardous decomp. products	Not available.
Degradability	Not available.
Products of degradation	Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise. The products of degradation are less toxic than the product itself.
	Remark Not available.
Corrosivity	Not considered to be corrosive for metals and glass.
	Remark Not available.
Reactivity	Slightly reactive to reactive with oxidizing agents, reducing agents, organic materials, metals, acids, alkalis. Non-reactive with moisture.
	Remark Incompatible with OF2, vinylacetate. (Silica, crystalline, quartz)

Section VI. Toxicological Properties

Routes of entry	Dermal contact. Eye contact. Inhalation. Ingestion.
TLV	Mineral spirits TWA: 100 from ACGIH (TLV) [United States] TWA: 525 from ACGIH [United States] Methanol TWA: 200 STEL: 250 CEIL: 200 (mg/m ³) from ACGIH (TLV) [United States] TWA: 200 STEL: 250 (ppm) from OSHA (PEL) [United States] TWA: 200 STEL: 250 (ppm) from NIOSH TWA: 200 STEL: 328 (mg/m ³) Xylenes TWA: 100 STEL: 150 (ppm) from OSHA (PEL) [United States] Titanium oxide TWA: 10 from ACGIH [United States] Inhalation Light aromatic solvent naphtha (petroleum) TWA: 50 (ppm) from ACGIH (TLV) [United States] Stoddard Solvent TWA: 100 (ppm) from OSHA (PEL) [United States] TWA: 100 from ACGIH (TLV) [United States] Aluminum oxide TWA: 10 CEIL: 20 Consult local authorities for acceptable exposure limits.
Toxicity to animals	Acute oral toxicity (LD50): 8000 mg/kg [Rat]. (Mineral spirits). Acute dermal toxicity (LD50): 4000 mg/kg [Rat]. (Mineral spirits). Remark Embryofetotoxic in animal studies. (Xylene) (Xylenes)
Chronic effects on humans	CARCINOGENIC EFFECTS: Classified 4 (No evidence.) by NTP, None. by OSHA [Methanol]. MUTAGENIC EFFECTS: Not available. TERATOGENIC EFFECTS: Not available. DEVELOPMENTAL TOXICITY: Not available. The substance is toxic to blood, kidneys, lungs, the nervous system, spleen, gastrointestinal tract, upper respiratory tract, skin, eyes, central nervous system (CNS). Repeated or prolonged exposure to the substance can produce target organs damage. Remark Carcinogenic effects: Animal Sufficient Evidence. (Methyl ethyl ketoxime)

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Acute effects on humans Very hazardous in case of eye contact (irritant). Hazardous in case of skin contact (irritant, sensitizer, permeator), of ingestion, of inhalation. Inflammation of the eye is characterized by redness, watering, and itching.


Remark

Material is irritating to mucous membranes and upper respiratory tract. (Mineral spirits)

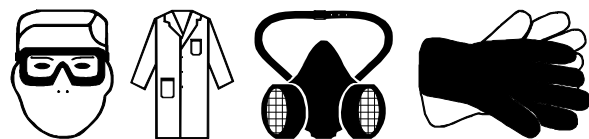
Section VII. Preventive Measures

Waste information	Waste must be disposed of in accordance with federal, state and local environmental control regulations.
Waste stream	Not available.
Storage	Store in a segregated and approved area. Keep container in a cool, well-ventilated area. Keep container tightly closed and sealed until ready for use. Avoid all possible sources of ignition (spark or flame).
Precautions	Keep away from heat. Keep away from sources of ignition. Ground all equipment containing material. Do not ingest. Do not breathe gas/fumes/ vapor/spray. Wear suitable protective clothing. In case of insufficient ventilation, wear suitable respiratory equipment. If ingested, seek medical advice immediately and show the container or the label. Avoid contact with skin and eyes.
Small spill and leak	Absorb with an inert material and put the spilled material in an appropriate waste disposal.
Large spill and leak	Toxic combustible liquid, insoluble or very slightly soluble in water. Keep away from heat. Keep away from sources of ignition. Stop leak if without risk. Absorb with DRY earth, sand or other non-combustible material. Do not get water inside container. Do not touch spilled material. Prevent entry into sewers, basements or confined areas; dike if needed. Call for assistance on disposal. Finish cleaning by spreading water on the contaminated surface and allow to evacuate through the sanitary system. Be careful that the product is not present at a concentration level above TLV. Check TLV on the MSDS and with local authorities.
Protective clothing in case of large spill	Splash goggles. Full suit. Vapor respirator. Boots. Gloves. A self contained breathing apparatus should be used to avoid inhalation of the product. Suggested protective clothing might not be sufficient; consult a specialist BEFORE handling this product.

Section VIII. Classification

DOT	
Maritime transportation	
Remark	
HCS	Class: Combustible liquid having a flash point between 37.8°C (100°F) and 93.3°C (200°F).
Remark	
Federal and State Regulations	Rhode Island RTK hazardous substances: Methanol Pennsylvania RTK: Methanol: (environmental hazard); Xylenes Florida: Methanol Minnesota: Methanol Massachusetts RTK: Methanol; Xylenes New Jersey: Methanol; Xylenes New Jersey spill list: Methanol TSCA 8(b) inventory: Methanol SARA 313 toxic chemical notification and release reporting: Methanol: 1% CERCLA: Hazardous substances.: Methanol: 5000 lbs. (2268 kg);

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Section IX. Protective Clothing**Section X. Other Information**

References Not available.

Superfund Amendments and Reauthorization Act of 1986 (SARA) Title III requires submission of annual report release of toxic chemicals that appear in 40 CFR 372 (used for SARA 313). This information must be included in all MSDSs that are copied and distributed for this material. Components present in this product at a level which could require reporting under the statute are: TSCA (Toxic Substance Control Act): This product is reported in EPA TSCA Inventory. CANADIAN ENVIRONMENTAL PROTECTION ACT (CEPA): This product is on the Domestic Substances List (DSL), and acceptable for use under the provisions of CEPA. (Xylenes)

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