



Material Safety Data Sheet

Protective Clothing	HCS	DOT
	Class: Flammable liquid having a flash point lower than 37.8°C (100°F).	

Section I. Product Identification and Uses

Synonyms	PAINT - ALKYD EXT. ROYAL BLUE #794	CI#	Not applicable.
Common/Trade name	Not available.	DSL	
Chemical name	Not applicable.	CAS#	Mixture.
Chemical formula	Not applicable.	Code	794
Chemical family	(Aliphatic.)	Molecular weight	Not applicable.
Supplier	Flexo Products Limited 4777 Kent Avenue, Niagara Falls, ON L2H 1J5 Phone: (905) 354-2723	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. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Cold water may be used. Get medical attention if irritation occurs.
Skin contact	In case of contact, immediately flush skin with plenty of water. Cover the irritated skin with an emollient. Remove contaminated clothing and shoes. Cold water may be used. Wash clothing before reuse. Thoroughly clean shoes before reuse. Get medical attention.
Hazardous skin contact	Not available.
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	Evacuate the victim to a safe area as soon as possible. Loosen tight clothing such as a collar, tie, belt or waistband. If breathing is difficult, administer oxygen. If the victim is not breathing, perform mouth-to-mouth resuscitation. Seek medical attention.
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.				

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Section III. Physical Data

Physical state and appearance	Liquid.	Odor	Aromatic. (Slight.)
pH (1% soln/water)	Not available.	Taste	Not available.
Odor threshold	The highest known value is 2 ppm (Xylenes)	Color	Blue.
Volatility	100% (v/v). (Light aromatic solvent naphtha (petroleum).) 100% (w/w). (Light aromatic solvent naphtha (petroleum).)		
Melting point	May start to solidify at -17.556°C (0.4°F) based on data for: Petroleum naphtha.		
Boiling point	The lowest known value is 138.5°C (281.3°F) (Xylenes). Weighted average: 151.75°C (305.1°F)		
Specific gravity	1.0324 (Water = 1)		
Vapor density	The highest known value is 5 (Air = 1) (Stoddard Solvent). Weighted average: 4.92 (Air = 1)		
Vapor pressure	The highest known value is 1.3 kPa (@ 20°C) (Petroleum naphtha). Weighted average: 0.63 kPa (@ 20°C)		
Evaporation rate	The highest known value is Lower than 1. (Stoddard Solvent) Weighted average: 0.38 compared to Butyl acetate = 1		
Viscosity	Not available.		
LogK _{ow}	The product is 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	See solubility in water, methanol, diethyl ether, n-octanol, acetone.		
Solubility	Easily soluble in diethyl ether, n-octanol, acetone. Soluble in cold water, hot water, methanol.		

Section IV. Fire and Explosion Data

The product is:	Flammable.
Auto-ignition temperature	The lowest known value is 218°C (424.4°F) (Petroleum naphtha).
Fire degradation products	These products are carbon oxides (CO, CO ₂). Some metallic oxides.
Flash points	The lowest known value is CLOSED CUP: 24°C (75.2°F). (Tagliabue.). OPEN CUP: 37.8°C (100°F). (Cleveland). (Xylenes)
Flammable limits	The greatest known range is LOWER: 1.1% UPPER: 7% (Xylenes)
Fire extinguishing procedures	Flammable liquid, soluble or dispersed in water. SMALL FIRE: Use DRY chemical powder. LARGE FIRE: Use alcohol foam, water spray or fog. 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 combustible materials. Non-flammable in presence of shocks, of oxidizing materials, of reducing materials, of organic materials, of metals, of acids, of alkalis, of moisture. Remark Vapor may travel considerable distance to source of ignition and flash back. (Xylenes)
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.

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Section V. Reactivity Data

Stability	Unstable.
Hazardous decomp. products	Not available.
Degradability	Not available.
Products of degradation	Possibly hazardous short/long term degradation products are to be expected. The products of degradation are less toxic than the product itself.
	Remark Not available.
Corrosivity	
	Remark Not available.
Reactivity	Slightly reactive to reactive with oxidizing agents. Non-reactive with reducing agents, organic materials, metals, alkalis, moisture.
	Remark Incompatible with OF2, vinylacetate. (Silica, crystalline, quartz)

Section VI. Toxicological Properties


Routes of entry	Not available.
TLV	Stoddard Solvent TWA: 100 (ppm) from OSHA (PEL) [United States] TWA: 100 from ACGIH (TLV) [United States] Xylenes TWA: 100 STEL: 150 (ppm) from OSHA (PEL) [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) Titanium oxide TWA: 10 from ACGIH [United States] Inhalation Limestone TWA: 10 CEIL: 20 Hydrous calcium magnesium silicate mix TWA: 2 (mg/m ³) from ACGIH (TLV) [United States] Consult local authorities for acceptable exposure limits.
Toxicity to animals	Acute oral toxicity (LD50): 4300 mg/kg [Rat]. (Xylenes). Acute dermal toxicity (LD50): 2000 mg/kg [Rabbit]. (Xylenes). Remark Embryofetotoxic in animal studies. (Xylene) (Xylenes)
Chronic effects on humans	Non-irritant for skin. Non-irritating to the eyes. Non-hazardous in case of inhalation. 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, liver, heart, gastrointestinal tract, upper respiratory tract, skin, eyes, central nervous system (CNS). Repeated or prolonged exposure to the substance can produce target organs damage. Remark Narcotic effect; may cause nervous system disturbances. (Xylenes)
Acute effects on humans	Slightly hazardous in case of skin contact (irritant, permeator), of eye contact (irritant), of ingestion, of inhalation. Remark Material is irritating to mucous membranes and upper respiratory tract. (Xylenes)

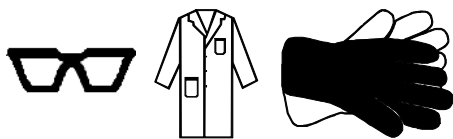
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Section VII. Preventive Measures

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. If ingested, seek medical advice immediately and show the container or the label.
Small spill and leak	Dilute with water and mop up, or absorb with an inert dry material and place in an appropriate waste disposal container.
Large spill and leak	Flammable liquid. 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 touch spilled material. Prevent entry into sewers, basements or confined areas; dike if needed. 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. Boots. Gloves. Suggested protective clothing might not be sufficient; consult a specialist BEFORE handling this product.

Section VIII. Classification

DOT	
Maritime transportation	
Remark	
HCS	Class: Flammable liquid having a flash point lower than 37.8°C (100°F).
Remark	
Federal and State Regulations	Rhode Island RTK hazardous substances: Methanol Pennsylvania RTK: Xylenes; Methanol: (environmental hazard) Florida: Methanol Minnesota: Methanol Massachusetts RTK: Xylenes; Methanol New Jersey: Xylenes; Methanol 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);

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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Emergency Phone :

Chemtrec USA 1-800-424-9300

Canada 1-730-527-3887

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