

Material Safety Data Sheet

Section 1. Product Identification and Use

Product Name - Trade Name **530-025 FASTWIPE BROWN**

Supplier - Manufacturer **Chemcraft Finishes Ltd.**

9 Fennell St.,
Winnipeg, MB.
Canada R3T 0M5

Telephone (204) 452-7943 Fax (204) 453-4602

In case of Emergency (204) 452-7943

For Transport Emergency or After Hours

CANUTEC (613) 966-6666

Code 530-025
Synonym FASTWIPE BROWN
Chemical Name Not applicable.
Chemical Family Synthetic polymer in organic solvent. (Paint.)
Chemical Formula Not applicable.
Material Uses Coatings: Surface coatings and finishes.
Product Identification Number (PIN) 1263 PAINT

Section 2. Hazardous Ingredients

Exposure Limits

Name	CAS #	% by Weight	LC ₅₀ /LD ₅₀	TLV/PEL
Heavy aromatic naphtha.	64742-94-5	10-30	ORAL (LD50): Acute: 3000 mg/kg [Rat]. DERMAL (LD50): Acute: 3001 mg/kg [Rabbit].	Not available.
Light aromatic naphtha	64742-95-6	10-30	ORAL (LD50): Acute: 6960 mg/kg [Rat].	TWA: 25 (ppm) [1992] TWA: 123 (ppm) from ACGIH (TLV) [United States]
Silica quartz	14808-60-7	0.1-1	Not available.	TWA: 0.1 (mg/m ³) from ACGIH (TLV) [United States] Respirable.
Manganese oxide	1313-13-9	1-5	Not available.	TWA: 5 (mg/m ³) from ACGIH (TLV) [United States] TWA: 5 (ppm)
Aluminum oxide	1344-28-1	1-5	Not available.	TWA: 10 (mg/m ³) from ACGIH (TLV) [United States] TWA: 10 CEIL: 20 (ppm)

Trace impurities and additional material names not listed above may appear in other sections of this MSDS. These materials may be listed for toxicological concerns, local compliance, or other reasons.

Continued on Next Page

Section 3. Physical Data

Physical State and Appearance	Liquid.				
Color	Not available.	Odor	Not available.	Taste	Not available.
Molecular Weight	Not applicable.				
pH (1% soln/water)	Not applicable.				
Boiling Point	The lowest known value is 152°C (305.6°F) (Solvent naphtha (petroleum), light arom.). Weighted average: 166.43°C (331.6°F)				
Melting Point	May start to solidify at -53°C (-63.4°F) based on data for: Solvent naphtha (petroleum), light arom.. Weighted average: -64.46°C (-84°F)				
Critical Temperature	Not available.				
Specific Gravity	Weighted average: 0.98 (Water = 1)				
Vapor Pressure	The highest known value is 0 kPa (@ 20°C) (Solvent naphtha (petroleum), heavy arom.).				
Vapor Density	The highest known value is 4.8 (Air = 1) (Solvent naphtha (petroleum), heavy arom.). Weighted average: 3.98 (Air = 1)				
Volatility	Not available.				
Odor Threshold	Not available.				
Water/Oil Dist. Coeff.	The product is much more soluble in oil.				
Ionicity (in Water)	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. Partially soluble in methanol. Insoluble in cold water, hot water.				

Section 4. Fire and Explosion Hazard

The Product is:	Flammable.
Fire Hazards in Presence of Various Substances	Highly flammable in presence of open flames and sparks. Flammable in presence of combustible materials. Non-flammable in presence of shocks, of heat, of oxidizing materials, of reducing materials, of organic materials, of metals, of acids, of alkalis, of moisture.
Fire Fighting Media and Instructions	Flammable liquid, insoluble in water. SMALL FIRE: Use DRY chemical powder. LARGE FIRE: Use water spray or fog. Cool containing vessels with water jet in order to prevent pressure build-up, autoignition or explosion.
Special Remarks on Fire Hazards	Container explosion may occur under fire conditions or when heated. Vapor may travel considerable distance to source of ignition and flash back. (Solvent naphtha (petroleum), heavy arom.)
Flash Points	The lowest known value is CLOSED CUP: 41°C (105.8°F). (Tagliabue.). (Solvent naphtha (petroleum), light arom.)
Flammable Limits	The greatest known range is LOWER: 0.6% UPPER: 7% (Solvent naphtha (petroleum), heavy arom.)
Auto-Ignition Temperature	The lowest known value is 465°C (869°F) (Solvent naphtha (petroleum), light arom.).
Products of Combustion	These products are carbon oxides (CO, CO ₂). Some metallic oxides.
Explosion Hazards in Presence of Various Substances	Risks of explosion of the product in presence of mechanical impact: Not available. Highly explosive in presence of open flames and sparks.
Special Remarks on Explosion Hazards	Not available.

Continued on Next Page

Section 5. Reactivity Data

Stability	The product is stable.
Decomposition products	Not available.
Conditions of Instability	Not available.
Incompatibility with various substances	Reactive with oxidizing agents, reducing agents, combustible materials, metals, acids, alkalis. Slightly reactive to reactive with organic materials. Non-reactive with moisture.
Corrosivity	Non-corrosive in presence of glass, of aluminum, of zinc, of copper, of stainless steel(304), of stainless steel(316).
Special Remarks on Reactivity	Hygroscopic; keep container tightly closed. Incompatible with chloroformates. (1,2-Propanediol)
Special Remarks on Corrosivity	Not available.

Section 6. Toxicological Properties

Routes of Entry	Eye contact. Inhalation. Ingestion.
Toxicity to Animals	Acute oral toxicity (LD50): 3000 mg/kg [Rat]. (Solvent naphtha (petroleum), heavy arom.). Acute dermal toxicity (LD50): 3001 mg/kg [Rabbit]. (Solvent naphtha (petroleum), heavy arom.).
Effects of Acute Exposure	Very hazardous in case of skin contact (irritant, sensitizer), of eye contact (irritant). Hazardous in case of ingestion, of inhalation. Slightly hazardous in case of skin contact (permeator). Inflammation of the eye is characterized by redness, watering, and itching. Skin inflammation is characterized by itching, scaling, reddening, or, occasionally, blistering.
Chronic Effects on Humans	CARCINOGENIC EFFECTS: Classified 4 (Probably not for human.) by IARC, 4 (No evidence.) by NTP, None. by OSHA [2-Butanone, oxime]. Classified 1 (Clear evidence.) by NTP [Quartz (SiO ₂)]. Classified 2A (Probable for human.) by IARC [Quartz (SiO ₂)]. Classified None. by OSHA [Quartz (SiO ₂)]. MUTAGENIC EFFECTS: Not available. TERATOGENIC EFFECTS: Not available. DEVELOPMENTAL TOXICITY: Not available. The substance is toxic to blood, kidneys, lungs, the nervous system, liver. Repeated or prolonged exposure to the substance can produce target organs damage.
Special Remarks on Toxicity to Animals	Not available.
Special Remarks on Chronic Effects on Humans	Crystalline silica is listed by IARC as 2A - Probably carcinogenic in humans. Long term over exposure to silica causes silicosis, a form of pulmonary fibrosis. Continued exposure to silica can lead to cardiopulmonary impairment. (Quartz (SiO ₂))
Special Remarks on Other Toxic Effects on Humans	Material is irritating to mucous membranes and upper respiratory tract. (Solvent naphtha (petroleum), heavy arom.)
Exposure Limits	Solvent naphtha (petroleum), light arom. TWA: 25 (ppm) [1992] TWA: 123 (ppm) from ACGIH (TLV) [United States] Quartz (SiO₂) TWA: 0.1 (mg/m ³) from ACGIH (TLV) [United States] Respirable. Manganese oxide (MnO₂) TWA: 5 (mg/m ³) from ACGIH (TLV) [United States] TWA: 5 (ppm) Aluminum oxide TWA: 10 (mg/m ³) from ACGIH (TLV) [United States] TWA: 10 CEIL: 20 (ppm)
	Consult local authorities for acceptable exposure limits.

Section 7. Preventive Measures

Personal Protection	Splash goggles. Lab coat. Vapor respirator. Be sure to use an approved/certified respirator or equivalent. Gloves.	
Personal Protection in Case of a 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.	
Engineering Controls	Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective threshold limit value. Ensure that eyewash stations and safety showers are proximal to the work-station location.	
Small Spill	Absorb with an inert material and put the spilled material in an appropriate waste disposal.	
Large Spill	Toxic flammable 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. Be careful that the product is not present at a concentration level above TLV. Check TLV on the MSDS and with local authorities.	
Waste Disposal	Waste must be disposed of in accordance with federal, state and local environmental control regulations.	
Precautions	Keep locked up. 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. 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. Keep away from incompatibles such as oxidizing agents, reducing agents, combustible materials, metals, acids, alkalis.	
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).	
TDG Classification	Class 3: Flammable liquid.	
PIN	1263 PAINT	PG: III
Special Provisions for Transport	Not available.	
Federal and State Regulations	<p>California prop. 65: This product contains the following ingredients for which the State of California has found to cause cancer, birth defects or other reproductive harm, which would require a warning under the statute: Xylenes - mixed isomers; Benzene, ethyl-; Quartz (SiO₂)</p> <p>California prop. 65: This product contains the following ingredients for which the State of California has found to cause reproductive harm (female) which would require a warning under the statute: Quartz (SiO₂)</p> <p>California prop. 65: This product contains the following ingredients for which the State of California has found to cause reproductive harm (male) which would require a warning under the statute: Quartz (SiO₂)</p> <p>Illinois toxic substances disclosure to employee act: Benzene, ethyl-</p> <p>New York acutely hazardous substances: Benzene, ethyl-</p> <p>Rhode Island RTK hazardous substances: 1,2-Propanediol; Benzene, ethyl-</p> <p>Pennsylvania RTK: 1,2-Propanediol</p> <p>Florida: Benzene, ethyl-</p> <p>Minnesota: 1,2-Propanediol; Benzene, ethyl-</p> <p>Massachusetts RTK: Benzene, ethyl-</p> <p>New Jersey: Benzene, ethyl-</p> <p>TSCA 8(b) inventory: Xylenes - mixed isomers; 1,2-Propanediol; Benzene, ethyl-; Aluminum oxide</p> <p>TSCA 8(d) H and S data reporting: Benzene, ethyl-</p> <p>SARA 311/312 MSDS distribution - chemical inventory - hazard identification: Xylenes - mixed isomers: fire, immediate health hazard; Isobutyl alcohol: fire, delayed health hazard; Benzene, ethyl-: fire, immediate health hazard; Quartz (SiO₂): delayed health hazard</p> <p>SARA 313 toxic chemical notification and release reporting: Burnt Umber 5250F 40%</p> <p>CERCLA: Hazardous substances.: Xylenes - mixed isomers; Isobutyl alcohol; Benzene, ethyl-: 1000 lbs. (453.6 kg);</p>	
Other Regulations	OSHA: Hazardous by definition of Hazard Communication Standard (29 CFR 1910.1200).	

Continued on Next Page

Other Classifications	WHMIS (Canada)	CLASS B-3: Combustible liquid with a flash point between 37.8°C (100°F) and 93.3°C (200°F). CLASS D-2A: Material causing other toxic effects (VERY TOXIC). CLASS D-2B: Material causing other toxic effects (TOXIC).	
	HCS (U.S.A.)	CLASS: Contains material which can cause cancer. Class: Irritating substance. Class: Target organ effects. Class: Combustible liquid having a flash point between 37.8°C (100°F) and 93.3°C (200°F).	
Hazardous Material Information System (U.S.A.)	Health Hazard	*	2
	Fire Hazard		2
	Reactivity		0
	Personal Protection		h
National Fire Protection Association (U.S.A.)	Health		2
	Fire Hazard		2
	Reactivity		0
	Specific Hazard		

Section 8. 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. 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 immediately.
Hazardous Skin Contact	Wash with a disinfectant soap and cover the contaminated skin with an anti-bacterial cream. Seek immediate medical attention.
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.
Ingestion	Do not induce vomiting. Examine the lips and mouth to ascertain whether the tissues are damaged, a possible indication that the toxic material was ingested; the absence of such signs, however, is not conclusive. Loosen tight clothing such as a collar, tie, belt or waistband. If the victim is not breathing, perform mouth-to-mouth resuscitation. Seek immediate medical attention.
Hazardous Ingestion	Not available.

Section 9. Preparation Information

References	-Manufacturers Material Safety Data Sheets.
Other Special Considerations	Not available.
Related Information	This product has been classified in accordance with the hazard criteria of the CPR, and the MSDS contains all the information required by CPR.
Preparation Information	Validated by C. Kelly on 10/15/2001. Verified by C. Kelly. Printed 6/30/2004.

Continued on Next Page

Information Contact

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