MaterialSafety DataSheet

Validated by Carroll Kelly on 1/9/2002.
Verified by Carroll Kelly.
Printed 12/1/2005.

Section 1. Product Identification and Use

Product Name - Trade Name **825-2714 WIPE STAIN - BURGUNDY**

Supplier - Manufacturer

Chemcraft International Inc.,
3950 New Walkertown Rd.
Winston-Salem, NC.
U.S.A. 27051

Telephone (336) 723-1846 **Fax** (336) 724-7138

In case of Emergency 1-800-424-5571

For Transport Emergency or After Hours

CHEMTREC 1-800-424-9300

Code	825-2714
Synonym	WIPE STAIN - BURGUNDY
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**
Solvent naphtha (petroleum), medium aliph.	64742-88-7	10-30	Not available.	Not available.
Ethylbenzene	100-41-4	0.1-1	ORAL (LD50): Acute: 3500 mg/kg [Rat]. DERMAL (LD50): Acute: 5000 mg/kg [Rabbit].	TWA: 100 STEL: 125 (ppm) from ACGIH (TLV) [United States] STEL: 125 (ppm) from NIOSH
m-Methyltoluene	108-38-3	1-5	ORAL (LD50): Acute: 6750 mg/kg [Rat.]. DERMAL (LD50): Acute: 12400 mg/kg [Rabbit.].	STEL: 150 (ppm) from ACGIH (TLV) [United States] [1999] TWA: 100 (ppm) from ACGIH (TLV) [United States] [1999]
p-Methyltoluene	106-42-3	0.1-1	ORAL (LD50): Acute: 4100 mg/kg [Rat.].	TWA: 100 (ppb)
Light aromatic naphtha	64742-95-6	30-60	ORAL (LD50): Acute: 6960 mg/kg [Rat.].	TWA: 100 (mg/m^3) TWA: 19 (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 139.3°C (282.7°F) (Benzene, 1,3-dimethyl-). Weighted average: 151.54°C (304.8°F)
Melting Point	May start to solidify at -47.87°C (-54.2°F) based on data for: Benzene, 1,3-dimethyl-. Weighted average: -52.81°C (-63.1°F)
Critical Temperature	Not available.
Specific Gravity	Weighted average: 0.91 (Water = 1)
Vapor Pressure	The highest known value is 0.8 kPa (@ 20°C) (Benzene, 1,3-dimethyl-). Weighted average: 0.36 kPa (@ 20°C)
Vapor Density	The highest known value is 4.1 (Air = 1) (Solvent naphtha (petroleum), light arom.). Weighted average: 4.09 (Air = 1)
Volatility	Not available.
Odor Threshold	The highest known value is 0.62 ppm (Benzene, 1,3-dimethyl-)
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. Soluble en 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 heat. Non-flammable in presence of shocks, of oxidizing materials, of reducing materials, of combustible 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	Explosive in the form of vapor when exposed to heat or flame. Vapor may travel considerable distance to source of ignition and flash back. When heated to decomposition it emits acrid smoke and irritating fumes. (Benzene, 1,3-dimethyl-)
Flash Points	The lowest known value is CLOSED CUP: 25°C (77°F). OPEN CUP: 28.9°C (84°F). (Cleveland). (Benzene, 1,3-dimethyl-)
Flammable Limits	The greatest known range is LOWER: 0.6% UPPER: 7% (Solvent naphtha (petroleum), light 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, CO2).
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, organic materials, acids, alkalis.
Slightly reactive to reactive with metals.
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 Dermal contact. Eye contact. Inhalation. Ingestion.

Toxicity to Animals Acute oral toxicity (LD50): 6750 mg/kg [Rat.]. (Benzene, 1,3-dimethyl-).
Acute dermal toxicity (LD50): 12400 mg/kg [Rabbit.]. (Benzene, 1,3-dimethyl-).

Effects of Acute Exposure Very hazardous in case of skin contact (irritant, sensitizer), of ingestion. Hazardous in case of skin contact (permeator), of eye contact (irritant), of inhalation.

Chronic Effects on Humans Slightly hazardous in case of skin contact (irritant), of eye contact (irritant), of inhalation (lung irritant).
CARCINOGENIC EFFECTS: Classified A4 (Not classifiable for human or animal.) by ACGIH [Benzene, 1,3-dimethyl-]. Classified A5 (Not suspected for human.) by ACGIH, 4 (Probably not for human.) by IARC, 4 (No evidence.) by NTP, None. by OSHA [Methanol]. Classified 4 (Probably not for human.) by IARC, 4 (No evidence.) by NTP, None. by OSHA [Oils, pine]. Classified 4 (Probably not for human.) by IARC, 4 (No evidence.) by NTP, None. by OSHA [2-Butanone, oxime]. Classified 4 (Probably not for human.) by IARC, 4 (No evidence.) by NTP, None. by OSHA [Carbon black].
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 0347 Animal: embryotoxic, foetotoxic, passes through the placental barrier.
0900 Detected in maternal milk in human.
Narcotic effect; may cause nervous system disturbances. (Benzene, 1,3-dimethyl-)

Special Remarks on Other Toxic Effects on Humans Material is irritating to mucous membranes and upper respiratory tract. (Benzene, 1,3-dimethyl-)

Exposure Limits

Trimethylbenzene
TWA: 25 CEIL: 35 (ppb)
TWA: 125 CEIL: 170 (ppm)
Benzene, ethyl-
TWA: 100 STEL: 125 (ppm) from ACGIH (TLV) [United States]
STEL: 125 (ppm) from NIOSH
Benzene, 1,3-dimethyl-
STEL: 150 (ppm) from ACGIH (TLV) [United States] [1999]
TWA: 100 (ppm) from ACGIH (TLV) [United States] [1999]
Benzene, 1,2-dimethyl-
TWA: 100 (ppb)
Benzene, 1,4-dimethyl-
TWA: 100 (ppb)

Continued on Next Page

1-Propanol, 2-methyl-
TWA: 50 (ppb) from ACGIH (TLV) [United States] [1993]
Methanol
TWA: 200 (ppm) from OSHA (PEL) [United States]
TWA: 200 STEL: 250 (ppm) from ACGIH (TLV) [United States] [2000]
TWA: 200 STEL: 250 (ppm) from NIOSH [1997]
TWA: 260 STEL: 325 (mg/m^3) from NIOSH
Solvent naphtha (petroleum), light arom.
TWA: 100 (mg/m^3)
TWA: 19 (ppm)
Carbon black
TWA: 3.5 CEIL: 7 (ppm) from ACGIH (TLV) [United States]
Limestone
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 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. Keep away from incompatibles such as oxidizing agents, reducing agents, organic materials, 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:** II

Special Provisions for Transport Not available.

Federal and State Regulations 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: XYLENE; Quartz (SiO2); Benzene, ethyl-
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)
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)
Illinois toxic substances disclosure to employee act: Benzene, ethyl-

Continued on Next Page

New York release reporting list: Benzene, 1,3-dimethyl-; Methanol
New York acutely hazardous substances: Benzene, ethyl-
Rhode Island RTK hazardous substances: Benzene, ethyl-; 1,2-Propanediol; Methanol
Pennsylvania RTK: 1,2-Propanediol; Methanol: (environmental hazard)
Florida: Benzene, ethyl-; Benzene, 1,3-dimethyl-; Methanol
Minnesota: Benzene, ethyl-; 1,2-Propanediol; Methanol
Massachusetts RTK: Benzene, ethyl-; Benzene, 1,3-dimethyl-; Methanol
New Jersey: Benzene, ethyl-; Methanol
TSCA 8(b) inventory: XYLENE; 1,2-Propanediol; Benzene, ethyl-; Irgalite Yellow WSR; Aluminum oxide
TSCA 8(d) H and S data reporting: Benzene, ethyl-
SARA 302/304/311/312 hazardous chemicals: Methanol
SARA 311/312 MSDS distribution - chemical inventory - hazard identification: XYLENE: fire, immediate health hazard; Quartz (SiO2): delayed health hazard; Isobutyl alcohol: fire, delayed health hazard; Benzene, ethyl-: fire, immediate health hazard
SARA 313 toxic chemical notification and release reporting: XYLENE 4.42132%; Methyl Alcohol 0.178016%; Burnt Umber 5250F 0.513189%
CERCLA: Hazardous substances.: XYLENE; Isobutyl alcohol; Benzene, ethyl-: 1000 lbs. (453.6 kg); Methyl Alcohol;

Other Regulations OSHA: Hazardous by definition of Hazard Communication Standard (29 CFR 1910.1200).

Other Classifications

WHMIS (Canada)

CLASS B-2: Flammable liquid with a flash point lower than 37.8°C (100°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: Flammable liquid having a flash point lower than 37.8°C (100°F).
Class: Irritating substance.
CLASS: Sensitizing substance.
Class: Target organ effects.

Hazardous Material Information System (U.S.A.)

Health Hazard	*	2
Fire Hazard		3
Reactivity		0
Personal Protection		h

National Fire Protection Association (U.S.A.)

Health	2
Fire Hazard	3
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.

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.

Continued on Next Page

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 Carroll Kelly on 1/9/2002.**

Verified by Carroll Kelly.

Printed 12/1/2005.

Information Contact Prepared by the Health, Safety and Environment Department,
Chemcraft International Inc., P.O. Box 458, 155, Rose Glen Road North, Port Hope, ON. Canada.
Phone: 905 885-6388
Fax: 905 885-5097