

Material Safety Data Sheet

Section 1. Product Identification and Use

Product Name - Trade Name **825-7242 WIPE STAIN HICKORY(C38855)**

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Code 825-7242

Synonym WIPE STAIN HICKORY(C38855)

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	LC₅₀/LD₅₀	TLV/PEL
Light aromatic naphtha	64742-95-6	15 - 30	ORAL (LD50): Acute: 6960 mg/kg [Rat.]	ACGIH (Canada). TWA: 123 mg/m ³
Toluene	108-88-3	15 - 30	ORAL (LD50): Acute: 2600 mg/kg [Rat.] DERMAL (LD50): Acute: 12210 mg/kg [Rabbit.]	ACGIH (Canada, 1993). TWA: 50 ppm TWA: 188 mg/m ³
1,2,4-Trimethylbenzene	95-63-6	5 - 15	Not available.	Not available.
Propylene glycol monomethyl ether	107-98-2	5 - 15	ORAL (LD50): Acute: 5660 mg/kg [Rat.] DERMAL (LD50): Acute: 13000 mg/kg [Rabbit.]	ACGIH (Canada). TWA: 100 ppm STEL: 150 ppm
Diacetone alcohol	123-42-2	5 - 15	ORAL (LD50): Acute: 4000 mg/kg [Rat]. 3959 mg/kg [Mouse]. DERMAL (LD50): Acute: 13600 mg/kg [Rabbit].	ACGIH (Canada). TWA: 240 mg/m ³ CEIL: 360 mg/m ³
Methyl alcohol	67-56-1	5 - 15	ORAL (LD50): Acute: 6200 mg/kg [Rat.]. 5600 mg/kg [Rat.] DERMAL (LD50): Acute: 15800 mg/kg [Rabbit.]	OSHA (Canada). TWA: 200 ppm ACGIH (Canada, 2000). TWA: 200 ppm STEL: 250 ppm
Methyl ethyl ketone	78-93-3	1 - 5	ORAL (LD50): Acute: 3400 mg/kg [Rat.] DERMAL (LD50): Acute: 13000 mg/kg [Rabbit.]	TWA: 200 ppm 8 hour(s). STEL: 300 ppm 15 minute (s). CEIL: 300 ppm
Ligroine	8032-32-4	1 - 5	Not available.	ACGIH (Canada). TWA: 1370 mg/m ³
Carbon black	1333-86-4	1 - 5	Not available.	ACGIH (Canada). TWA: 3.5 mg/m ³ CEIL: 7 mg/m ³
Ferric oxide	1309-37-1	1 - 5	Not available.	Not available.

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Isobutyl alcohol	78-83-1	1 - 5	ORAL (LD50): Acute: 2500 mg/kg [Rat.]. 3200 mg/kg [Mouse]. DERMAL (LD50): Acute: 4200 mg/kg [Rabbit].	ACGIH (Canada, 1993). TWA: 50 ppm
1-Butanol	71-36-3	1 - 5	ORAL (LD50): Acute: 2510 mg/kg [Rat.]. 790 mg/kg [Rat]. DERMAL (LD50): Acute: 5300 mg/kg [Rabbit]. 3400 mg/kg [Rabbit].	Not available.
Xylenes	1330-20-7	1 - 5	ORAL (LD50): Acute: 4300 mg/kg [Rat.].	ACGIH (Canada, 1992). TWA: 100 ppm STEL: 150 ppm TWA: 434 mg/m ³ STEL: 651 mg/m ³
Ethyl Acetate	141-78-6	1 - 5	ORAL (LD50): Acute: 5600 mg/kg [Rat].	ACGIH (Canada). TWA: 400 ppm
Ethylbenzene	100-41-4	0.1 - 1	ORAL (LD50): Acute: 3500 mg/kg [Rat]. DERMAL (LD50): Acute: 5000 mg/kg [Rabbit].	ACGIH (Canada). TWA: 100 ppm STEL: 125 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.

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)	Neutral.
Boiling Point	The lowest known value is 64.5°C (148.1°F) (Methanol). Weighted average: 127.91°C (262.2°F)
Melting Point	May start to solidify at -42.8°C (-45°F) based on data for: 2-Pentanone, 4-hydroxy-4-methyl-. Weighted average: -72.85°C (-99.1°F)
Critical Temperature	Not available.
Specific Gravity	Weighted average: 0.89 (Water = 1)
Vapor Pressure	The highest known value is 12.2 kPa (91.8 mm Hg) (at 20°C) (Methanol). Weighted average: 3.52 kPa (26.4 mm Hg) (at 20°C)
Vapor Density	The highest known value is 4.14 (Air = 1) (1,2,4-Trimethylbenzene). Weighted average: 3.42 (Air = 1)
Volatility	Not available.
Odor Threshold	The lowest known value is 0.25 ppm (2-Butanone) Weighted average: 0.45 ppm
Water/Oil Dist. Coeff.	The product is much more soluble in octanol.
Ionicity (in Water)	Not available.
Dispersion Properties	Partially dispersed in methanol, diethyl ether. Is not dispersed in cold water, hot water. See solubility in methanol, diethyl ether, n-octanol, acetone.
Solubility	Easily soluble in methanol, diethyl ether, n-octanol, acetone. 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, sparks and static discharge. Slightly flammable to flammable in presence of heat.
Fire Fighting Media and Instructions	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.

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Special Remarks on Fire Hazards	Vapor may travel considerable distance to source of ignition and flash back. (Solvent naphtha (petroleum), light arom.)
Flash Points	The lowest known value is Closed cup: -6°C (21.2°F). (Tagliabue.). Open cup: -4°C (24.8°F). (2-Butanone)
Flammable Limits	The greatest known range is Lower: 6% Upper: 36.5% (Methanol)
Auto-Ignition Temperature	The lowest known value is 287°C (548.6°F) (2-Propanol, 1-methoxy-).
Products of Combustion	These products are carbon oxides (CO, CO ₂). Some metallic oxides.
Explosion Hazards in Presence of Various Substances	Highly explosive in presence of open flames, sparks and static discharge.
Special Remarks on Explosion Hazards	Not available.

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. Slightly reactive to reactive with reducing agents, organic materials, metals, acids, alkalis.
Corrosivity	Not available.
Special Remarks on Reactivity	Incompatible with hydrogen fluoride. (Silica)
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): 790 mg/kg [Rat]. (1-Butanol). Acute dermal toxicity (LD50): 3400 mg/kg [Rabbit]. (1-Butanol). Acute toxicity of the gas (LC50): 2000 ppm 4 hour(s) [Rat]. (2-Butanone). Acute toxicity of the vapor (LC50): 8000 ppm 4 hour(s) [Rat.]. (1-Butanol).
Effects of Acute Exposure	Very hazardous in case of ingestion. Hazardous in case of skin contact (permeator), of inhalation.
Chronic Effects on Humans	Slightly hazardous in case of eye contact (irritant). CARCINOGENIC EFFECTS: Classified 4 (Probably not for human.) by IARC, None. by OSHA [2-Propanol, 1-methoxy-]. Classified A5 (Not suspected for human.) by ACGIH, 4 (Probably not for human.) by IARC, None. by OSHA [Methanol]. Classified A5 (Not suspected for human.) by ACGIH, 4 (Probably not for human.) by IARC, None. by OSHA [2-Butanone]. Classified 4 (Probably not for human.) by IARC, None. by OSHA [Carbon Black]. Classified A5 (Not suspected for human.) by ACGIH, 4 (Probably not for human.) by IARC, None. by OSHA [1-Butanol]. Classified A5 (Not suspected for human.) by ACGIH, 4 (Probably not for human.) by IARC [Acetic Acid, Ethyl Ester]. Classified None. by OSHA [C.I. Solvent Black 29]. MUTAGENIC EFFECTS: Not available. TERATOGENIC EFFECTS: Not available. DEVELOPMENTAL TOXICITY: Not available. The substance is toxic to kidneys, 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	Inhalation of vapors may cause dizziness, an irregular heartbeat, narcosis, nausea or asphyxiation. (Benzene, methyl-)
Special Remarks on Other Toxic Effects on Humans	Material is irritating to mucous membranes and upper respiratory tract. Narcotic in high concentrations. (Solvent naphtha (petroleum), light arom.)
Exposure Limits	Not available.

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Section 7. Preventive Measures

Personal Protection	Safety glasses. 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 occupational exposure limits. 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	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.
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. 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.
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	3
PIN	1263 PAINT PG: II
Special Provisions for Transport	-
Federal and State Regulations	WARNING: This product contains chemical(s) known to the State of California to cause cancer, birth defects or other reproductive harm: Benzene; Benzene, methyl-; Quartz (SiO ₂); Carbon Black WARNING: This product contains chemical(s) known to the State of California to cause reproductive harm (male): Benzene WARNING: This product contains chemical(s) known to the State of California to cause birth defects or other reproductive harm.: Benzene; Benzene, methyl- WARNING: This product contains chemical(s) known to the State of California to cause cancer.: Benzene; Quartz (SiO ₂); Carbon Black Illinois toxic substances disclosure to employee act: Benzene, ethyl- New York release reporting list: Methanol; Acetic Acid, Ethyl Ester; Acetic Acid, Butyl Ester; Acetic Acid, Butyl Ester New York acutely hazardous substances: Benzene, ethyl- Rhode Island RTK hazardous substances: Methanol; Acetic Acid, Ethyl Ester; Benzene, ethyl- Pennsylvania RTK: Benzene, methyl-; Methanol: (environmental hazard); Acetic Acid, Ethyl Ester; C.I. Solvent Black 29; Benzene, dimethyl-; 1,2,4-Trimethylbenzene; Benzene, ethyl-; 1,2-Propanediol; 2-Propanol, 1-methoxy-; Acetic acid, 2-methylpropyl ester; Acetic Acid, Butyl Ester; Acetic Acid, Butyl Ester Florida: Methanol; Acetic Acid, Ethyl Ester; Benzene, ethyl-; Acetic Acid, Butyl Ester; Acetic Acid, Butyl Ester Minnesota: Methanol; Acetic Acid, Ethyl Ester; Benzene, ethyl-; Acetic Acid, Butyl Ester; Acetic Acid, Butyl Ester Massachusetts RTK: Methanol; Acetic Acid, Ethyl Ester; Benzene, ethyl-; 2-Propanol, 1-methoxy-; Acetic acid, 2-methylpropyl ester; Acetic Acid, Butyl Ester; Acetic Acid, Butyl Ester New Jersey: Benzene, methyl-; Methanol; Acetic Acid, Ethyl Ester; C.I. Solvent Black 29; 1,2,4-Trimethylbenzene; Benzene, ethyl-; 2-Propanol, 1-methoxy-; Acetic acid, 2-methylpropyl ester; Acetic Acid, Butyl Ester; Acetic Acid, Butyl Ester TSCA 8(b) inventory: Benzene, methyl-; Acetic Acid, Ethyl Ester; N-Butyl Alcohol; Benzene, dimethyl-; Benzene, ethyl-; Acetic acid, 2-methylpropyl ester; 1-Butanol; Acetic Acid, Butyl Ester; Acetic Acid, Butyl Ester

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TSCA 5(e) substance consent order: Acetic Acid, Ethyl Ester; Acetic Acid, Butyl Ester; Acetic Acid, Butyl Ester
 TSCA 8(d) H and S data reporting: Benzene, ethyl-
 TSCA 12(b) annual export notification: Acetic Acid, Ethyl Ester; Acetic Acid, Butyl Ester; Acetic Acid, Butyl Ester
 SARA 302/304/311/312 extremely hazardous substances: N-Butyl Alcohol; 1-Butanol
 SARA 302/304/311/312 hazardous chemicals: Methanol
 SARA 311/312 MSDS distribution - chemical inventory - hazard identification: Benzene, methyl-: Fire hazard, Immediate (Acute) Health Hazard, Delayed (Chronic) Health Hazard; Methyl ethyl ketone: Fire hazard, Immediate (Acute) Health Hazard; Acetic Acid, Ethyl Ester: Fire hazard, Immediate (Acute) Health Hazard; 1-Propanol, 2-methyl-: Fire hazard, Delayed (Chronic) Health Hazard; Benzene, dimethyl-: Fire hazard, Immediate (Acute) Health Hazard, Delayed (Chronic) Health Hazard
 CERCLA: Hazardous substances.: Benzene, methyl-: 1000 lbs. (453.6 kg); Methanol; Methyl ethyl ketone; Acetic Acid, Ethyl Ester; 1-Propanol, 2-methyl-; N-Butyl Alcohol; Benzene, ethyl-: 1000 lbs. (453.6 kg); Benzene, dimethyl-: 100 lbs. (45.36 kg); Isobutyl alcohol; Acetic acid, 2-methylpropyl ester; 1-Butanol; Acetic Acid, Butyl Ester; Acetic Acid, Butyl Ester;
 OSHA: Hazardous by definition of Hazard Communication Standard (29 CFR 1910.1200).

Other Regulations

Other Classifications

WHMIS (Canada) **Class B-2: Flammable liquid with a flash point lower than 37.8°C (100°F).**
Class D-1A: Material causing immediate and serious toxic effects (VERY TOXIC).
Class D-2A: Material causing other toxic effects (VERY TOXIC).
Class D-2B: Material causing other toxic effects (TOXIC).

HCS (U.S.A.) Flammable liquid
 Irritating material
 Target organ effects

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

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

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

Health 1
Fire Hazard 0
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 Wash with soap and water. Get medical attention if irritation develops.

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. **WARNING:** It may be hazardous to the person providing aid to give mouth-to-mouth resuscitation when the inhaled material is toxic, infectious or corrosive. 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 Florendo Tarnate on 9/16/2005.**

Verified by Florendo Tarnate.

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