

Material Safety Data Sheet

Section 1. Product Identification and Use

Product Name - Trade Name **432-9420 IL220 MATTE**

Supplier - Manufacturer **Chemcraft International Inc.,**
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P.O. Box 458
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Canada L1A 3Z3

Telephone (905) 885-6388 Fax (905) 885-5097

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For Transport Emergency or After Hours

CANUTEC (613) 996-6666

Code 432-9420

Synonym IL220 MATTE

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

| Name | CAS # | % by Weight | Exposure Limits | |
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| | | | LC ₅₀ /LD ₅₀ | TLV/PEL |
| Isobutyl acetate | 110-19-0 | 30-60 | ORAL (LD50): Acute: 4763 mg/kg [Rabbit]. 3200 mg/kg [Rat]. | TWA: 150 (ppb) |
| Isopropanol | 67-63-0 | 10-30 | ORAL (LD50): Acute: 5045 mg/kg [Rat]. 4797 mg/kg [Dog]. 3600 mg/kg [Mouse]. DERMAL (LD50): Acute: 12800 mg/kg [Rabbit]. | TWA: 400 STEL: 500 (ppb) from ACGIH (TLV) [United States] [1994] TWA: 983 STEL: 1230 (ppm) from ACGIH (TLV) [United States] [1994] |
| sec-Butanol | 78-92-2 | 1-5 | ORAL (LD50): Acute: 6480 mg/kg [Rat]. 4890 mg/kg [Rabbit]. | TWA: 150 (ppb) TWA: 450 (ppm) |
| Nitrocellulose | 9004-70-0 | 5-10 | Not available. | Not available. |
| Potential additional emission of formaldehyde | 50-00-0* | 0.1-1 | ORAL (LD50): Acute: 100 mg/kg [Rat]. DERMAL (LD50): Acute: 270 mg/kg [Rabbit]. | TWA: 1 STEL: 2 CEIL: 0.3 (ppm) from ACGIH (TLV) [United States] [1989] |
| Ethyl alcohol | 64-17-5 | 0.1-1 | ORAL (LD50): Acute: 7060 mg/kg [Rat]. | TWA: 1000 (ppb) from ACGIH (TLV) [United States] |
| 2-Propanol, 1-methoxy, acetate | 108-65-6 | 5-10 | ORAL (LD50): Acute: 8532 mg/kg [Rat]. | Not available. |
| Propylene glycol monomethyl ether | 107-98-2 | 1-5 | ORAL (LD50): Acute: 5660 mg/kg [Rat.]. DERMAL (LD50): Acute: 13000 mg/kg [Rabbit.]. | TWA: 100 STEL: 150 (ppb) from ACGIH (TLV) [United States] |

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.

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Section 5. Reactivity Data

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| Stability | The product is stable. |
| Decomposition products | Not available. |
| Conditions of Instability | Avoid contact with oxidizing agents. (Benzene, (1-methylethenyl)-) |
| Incompatibility with various substances | Reactive with oxidizing agents, alkalis. Slightly reactive to reactive with acids. Non-reactive with combustible materials. |
| Corrosivity | Non-corrosive in presence of glass. |
| Special Remarks on Reactivity | Incompatible with chlorinated compounds. (2-Propanol) |
| Special Remarks on Corrosivity | Not available. |

Section 6. Toxicological Properties

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| Routes of Entry | Eye contact. Inhalation. Ingestion. |
| Toxicity to Animals | Acute oral toxicity (LD50): 3200 mg/kg [Rat]. (Acetic acid, 2-methylpropyl ester). Acute dermal toxicity (LD50): 12800 mg/kg [Rabbit]. (2-Propanol). |
| Effects of Acute Exposure | Very hazardous in case of skin contact (irritant), of eye contact (irritant). Hazardous in case of ingestion, of inhalation. Slightly hazardous in case of skin contact (corrosive). 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 A5 (Not suspected for human.) by ACGIH, 4 (Probably not for human.) by IARC, 4 (No evidence.) by NTP, None. by OSHA [2-Propanol]. Classified A2 (Suspected for human.) by ACGIH, 2A (Probable for human.) by IARC, 2 (Some evidence.) by NTP [Potential additional emission of formaldehyde]. Classified 4 (Probably not for human.) by IARC, 4 (No evidence.) by NTP, None. by OSHA [2-Propanol, 1-methoxy-]. MUTAGENIC EFFECTS: Not available. TERATOGENIC EFFECTS: Not available. DEVELOPMENTAL TOXICITY: Classified Reproductive system/toxin/female, Reproductive system/toxin/male [PROVEN] [Potential additional emission of formaldehyde]. Classified Reproductive system/toxin/female, Reproductive system/toxin/male [PROVEN] [Ethanol]. The substance is toxic to kidneys, lungs, the nervous system, the reproductive system, liver. Repeated or prolonged exposure to the substance can produce target organs damage. |
| Special Remarks on Toxicity to Animals | Formaldehyde has caused cancer in test animals at high concentrations (5-15 ppm). (Formaldehyde) |
| Special Remarks on Chronic Effects on Humans | Detected in maternal milk in humans. (2-Propanol) |
| Special Remarks on Other Toxic Effects on Humans | Material is irritating to mucous membranes and upper respiratory tract. (Acetic acid, 2-methylpropyl ester) |
| Exposure Limits | Acetic acid, 2-methylpropyl ester TWA: 150 (ppb) 2-Propanol TWA: 400 STEL: 500 (ppb) from ACGIH (TLV) [United States] [1994] TWA: 983 STEL: 1230 (ppm) from ACGIH (TLV) [United States] [1994] 2-Butanol TWA: 150 (ppb) TWA: 450 (ppm) Solvent naphtha (petroleum), light arom. TWA: 25 (ppb) [1992] TWA: 123 (ppm) from ACGIH (TLV) [United States] Potential additional emission of formaldehyde TWA: 1 STEL: 2 CEIL: 0.3 (ppm) from ACGIH (TLV) [United States] [1989] Ethanol TWA: 1000 (ppb) from ACGIH (TLV) [United States] 1,2-Benzenedicarboxylic acid, di-C(8-10)-branched alkyl esters, C9-rich TWA: 5 (ppm) 2-Propanol, 1-methoxy- TWA: 100 STEL: 150 (ppb) from ACGIH (TLV) [United States] |
| | Consult local authorities for acceptable exposure limits. |

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Section 7. Preventive Measures

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| 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 container dry. 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. Never add water to this product. Take precautionary measures against electrostatic discharges. 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, 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 | <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: Quartz (SiO₂); Benzene, ethyl-; Benzene, dimethyl-; Formaldehyde</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>California prop. 65: This product contains the following ingredients for which the State of California has found to cause cancer which would require a warning under the statute: Formaldehyde</p> <p>New York release reporting list: Benzene, dimethyl-</p> <p>Rhode Island RTK hazardous substances: Benzene, dimethyl-</p> <p>Pennsylvania RTK: Isobutyl Acetate; Isopropyl alcohol; Benzene, dimethyl-: (environmental hazard)</p> <p>Florida: Benzene, dimethyl-</p> <p>Minnesota: Benzene, dimethyl-</p> <p>Michigan critical material: Benzene, dimethyl-</p> <p>Massachusetts RTK: Isobutyl Acetate; Isopropyl alcohol; Benzene, dimethyl-</p> <p>New Jersey: Isobutyl Acetate; Isopropyl alcohol; Benzene, dimethyl-</p> <p>TSCA 8(b) inventory: Isobutyl Acetate; Isopropyl alcohol; Benzene, ethyl-; Benzene, dimethyl-; Ethanol; Formaldehyde; 1-Butanol</p> <p>SARA 302/304/311/312 extremely hazardous substances: Isopropyl alcohol; Formaldehyde; 1-Butanol</p> <p>SARA 311/312 MSDS distribution - chemical inventory - hazard identification: Isobutyl alcohol: fire, delayed health hazard; Quartz (SiO₂): delayed health hazard; Benzene, ethyl-: fire, immediate health hazard; Benzene, dimethyl-: fire, immediate health hazard</p> <p>SARA 313 toxic chemical notification and release reporting: Isopropyl alcohol 11.1537%; 2-Butanol 4.39108%</p> <p>CERCLA: Hazardous substances.: Isobutyl Acetate; Isobutyl alcohol; Benzene, dimethyl-: 100 lbs. (45.36 kg); 1-Butanol ;</p> |
| Other Regulations | OSHA: Hazardous by definition of Hazard Communication Standard (29 CFR 1910.1200). |

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| 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: Contains material which may cause cancer. Class: Flammable liquid having a flash point lower than 37.8°C (100°F). Class: Irritating substance. Class: Target organ effects. Class: Reproductive toxins. |
| 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

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| 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. 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

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| 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 A McLeod on 1/5/2001. Verified by A McLeod. Printed 4/25/2003. |
| 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 |

Notice to Reader

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To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.