

MATERIAL SAFETY DATA SHEET

UPHOLSTERY PRE-SPRAY

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SECTION I: PRODUCT INFORMATION

TRADE NAME: UPHOLSTERY PRE-SPRAY
SUPPLIER/MANUFACTURER: Collier & Company Ltd, #6. 3135 Universal Dr. Mississauga, ON (416) 201-1010
PREPARATION DATE: August 1, 2002 Revised March 8, 2004
PRODUCT USE: Upholstery Prespray
PRODUCT IDENTITY: Mixture

CLASS D2B

SECTION II: HAZARDOUS INGREDIENTS

CHEMICAL IDENTITY: 2 Butoxyethanol CAS# / NA# / UN#: 111-76-2 CONC. (W/W): 15 - 40 %
OSHA PEL, ACGIH TLV: 25 ppm skin. TOXICITY: LD50 oral, rat 530 mg / kg;
LD50 dermal, rabbit 490 mg / kg
LC50 rat 450 ppm / 4 hrs.

CHEMICAL IDENTITY: d-Limonene CAS# / NA# / UN#: 5989-27-5 CONC. (W/W): 15 - 40%
OSHA PEL, ACGIH TLV: Not established TOXICITY (LD50 & LC50): No data available

CHEMICAL IDENTITY: Odorless Mineral Spirits CAS# / NA# / UN#: 68551-17-7 CONC. (W/W): 7 - 13%
OSHA PEL 500 PPM, ACGH TLV/TWA 100 PPM TOXICITY: LD50 78000 mg (oral rat)
ACGCHTLV/STEL 125 PPM

SECTION III: PHYSICAL DATA

PHYSICAL STATE: Liquid APPEARANCE AND ODOR: Pale yellow with lemony odor
ODOR THRESHOLD: Not known SPECIFIC GRAVITY: 1.02
VAPOR PRESSURE: 50 mm @ 20 degrees C VAPOR DENSITY: 1.2
EVAPORATION RATE: 0.5 BOILING POINT: 74 degrees C
FREEZING POINT: Not determined pH: 6.7 - 7.3
COEFFICIENT OF WATER/OIL DISTRIBUTION: Miscible with water WATER SOLUBILITY: 100%

SECTION IV: FIRE AND EXPLOSION DATA

CONDITIONS OF FLAMMABILITY:
(a) Not Flammable
(b) Product is Combustible
MEANS OF EXTINCTION: CO2, dry chemical FLASHPOINT & METHOD OF DETERMINATION: 74 degrees C
UPPER FLAMMABLE LIMIT: None LOWER FLAMMABLE LIMIT: None
AUTO-IGNITION TEMPERATURE: None HAZARDOUS COMBUSTION PRODUCTS: None known
EXPLOSION DATA-SENSITIVITY TO MECHANICAL IMPACT: Not sensitive
EXPLOSION DATA-SENSITIVITY TO STATIC DISCHARGE: Not sensitive

SECTION V: REACTIVITY DATA

CONDITION UNDER WHICH THE PRODUCT IS CHEMICALLY UNSTABLE: Stable
NAME OF ANY SUBSTANCE OR CLASS OF
SUBSTANCE WITH WHICH THE PRODUCT IS INCOMPATIBLE: Aluminum and zinc containers
CONDITIONS OF REACTIVITY: Not known
HAZARDOUS DECOMPOSITION PRODUCTS: HCl, CO2

SECTION VI: TOXICOLOGICAL PROPERTIES

ROUTE OF ENTRY:
SKIN CONTACT: May be irritating SKIN ABSORPTION: Irritant
EYE CONTACT: Irritant INHALATION: Irritant - if > 1,000 ppm may have cns effects.
INGESTION: Irritant - if aspiration into lungs, may cause pulmonary injury.
EFFECTS OF ACUTE EXPOSURE TO PRODUCT: Not known
EFFECTS OF CHRONIC EXPOSURE TO PRODUCT: Not known
EXPOSURE LIMITS: Not known
IRRITANCY OF PRODUCT: Inhalation and ingestion - see above
SENSITIZATION TO PRODUCT: None known
CARCINOGENICITY: None known
REPRODUCTIVE TOXICITY: None known
TERATOGENICITY: None known MUTAGENICITY: None known
NAME OF TOXICOLOGICALLY SYNERGISTIC PRODUCTS: None known

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SECTION VII: PREVENTATIVE MEASURES

PERSONAL PROTECTIVE EQUIPMENT: Neoprene gloves, safety glasses, avoid breathing vapors.
ENGINEERING CONTROLS: Mechanical ventilation
PROCEDURES TO BE FOLLOWED IN CASE OF A LEAK OR SPILL: Mop up
WASTE DISPOSAL: In accordance with Municipal & Provincial regulations.
HANDLING PROCEDURES AND EQUIPMENT: Normal
STORAGE REQUIREMENTS: Store below 35 degrees C
SPECIAL SHIPPING INFORMATION: None

SECTION VIII: FIRST AID MEASURES

IN CASE OF EYE CONTACT: Flush with water. Consult physician.
IN CASE OF SKIN CONTACT: Flush with water.
IF INHALED: Remove to fresh air. If symptoms persist seek medical attention.
IF INGESTED: Obtain medical attention.
PHYSICIAN: Danger from lung aspiration must be weighed against toxicity when considering emptying stomach.

SPECIAL PRECAUTIONS

One should always use chemicals with awareness of potential hazards, known and unknown, and their effect on the human - system. We urge users to minimize employee exposure to all chemicals, including this product and to keep the level of exposure commensurate with good industrial hygiene practices.

PREPARATION INFORMATION

PREPARED BY: Collier & Company Ltd. PHONE NUMBER: (416) 201-1010
24 HOUR EMERGENCY NUMBER: CANUTEC 1-613-996-6666

DISCLAIMER OF LIABILITY

The manufacturer and seller warrants that this product conforms to its standard specifications when used according to directions. As the conditions or methods of use are beyond our control, we do not assume any responsibility and expressly disclaim all expressed or implied warranties of merchantability or of liability from the use of this product. The information contained herein, as of this date, is believed to be true and accurate, but it is the user's obligation to study the MSDS and determine the conditions for the safe use of this product.
