

CASEWAY INDUSTRIAL PRODUCTS, INC.  
1050 GREEN PINE CIRCLE  
ORANGE PARK, FL 32065  
TEL:(904)214-9056 FAX: (904)375-2439

EMERGENCY TELEPHONE NUMBER  
CHEM-TEL: 1-800-255-3924

**MATERIAL SAFETY DATA SHEET**

**SC 203 VINYL CEMENT**

MSDS DATE: 07/12/04

SUPERSEDES: 2/01

SHIPPING INFORMATION:

PROPER SHIPPING NAME: ADHESIVE

HAZARD OR DIVISION CLASS: 3 PACKING GROUP: II IDENTIFICATION NUMBER: UN1133

SHIPPING LABEL: FLAMMABLE LIQUID SEE D.O.T. (173 (LTD. QTY))

**COMPONENTS INFORMATION:**

- A. TETRAHYDROFURAN CAS. # 109-99-9 MINOR  
PEL (OSHA) 200 PPM, 590 mg/m3, 8HR. TWA TLV (ACGIH) 200 PPM, 590 mg/m3, 8HR TWA STEL 250 PPM, 737 mg/m3  
NPCA -- HMIS RATING: HEALTH 3 FLAMMABILITY 3 REACTIVITY 1  
NFPA RATING: HEALTH 2 FLAMMABILITY 3 REACTIVITY 1  
CANADIAN WHMIS RATING: D-2B B-2
- B. METHYL ETHYL KEYTONE CAS. # 78-93-3 MAJOR  
ACGIH TWA 200 PPM 590 mg/m3 ACGIH STEL 15-MINUTE 300 PPM 885 mg/m3 OSHA TWA 200 PPM 590 mg/m3  
HMIS RATING: HEALTH 1 FLAMMABILITY 3 REACTIVITY 0  
NFPA RATING: HEALTH 1 FLAMMABILITY 3 REACTIVITY 0
- C. TOLUENE CAS. # 108-88-3 MAJOR  
ACGIH SKIN TWA 50 PPM 8 HR OSHA TWA 200 PPM 8HR. CEIL 300 PPM PEAK 500 PPM  
HMIS RATING: HEALTH 2 FLAMMABILITY 3 REACTIVITY 0  
NFPA RATING: HEALTH 2 FLAMMABILITY 3 REACTIVITY 0
- D. U-CAR SOLUTION VINYL RESINS CAS. # 9005-09-8 MINOR

**PHYSICAL DATA:**

APPEARANCE: MILKY LIQUID ODOR: LACQUER THINNER SMELL  
BOILING POINT: 66°C 151°F @ 760mmHg MELTING/FREEZING POINT: N/E  
SPECIFIC GRAVITY: 0.872 (WATER=1) SOLUBILITY IN WATER: SLIGHT  
VAPOR PRESSURE: 160mmHg @ 25°C 77°F VAPOR DENSITY (AIR=1): 2.5

**FIRE AND EXPLOSION HAZARD DATA:**

FLASH POINT: -4°F -20°C LOWER EXPLOSIVE LIMITS: 2 UPPER EXPLOSIVE LIMITS: 11.8  
FIRE EXTINGUISHING MEDIA: USE ANSUL "PURPLE K" POTASSIUM BICARBONATE-BASE DRY CHEMICAL OR NATIONAL "AER-O-FOAM" UNIVERSAL ALCOHOL RESISTANT FOAM.  
SPECIAL PROCEDURES: PROPER RESPIRATORY EQUIPMENT TO PROTECT AGAINST THE HAZARDOUS EFFECTS OF COMBUSTION PRODUCTS IS RECOMMENDED. WATER IN A STRAIGHT HOSE STREAM MAY CAUSE FIRE TO SPREAD AND SHOULD BE USED AS A COOLING MEDIUM ONLY.  
UNUSUAL FIRE AND EXPLOSION HAZARDS: VAPOR ACCUMULATIONS MAY FLASH AND/OR EXPLODE IF IGNITED. KEEP IGNITION SOURCES, OPEN FLAMES AWAY FROM THESE FUMES.

**REACTIVITY DATA:**

STABILITY: CAN FORM POTENTIALLY EXPLOSIVE PEROXIDES UPON LONG EXPOSURE TO AIR.  
INCOMPATIBILITY: STRONG OXIDIZERS.  
HAZARDOUS POLYMERIZATION: CAN OCCUR IN PRESENCE OF CATIONIC INITIATORS SUCH AS SELECTED LEWIS ACIDS OR STRONG PROTON ACIDS.  
CONDITIONS TO AVOID: EXPOSURE TO EXCESSIVE HEAT, OPEN FLAMES, AND SPARKS. AVOID CONDITIONS THAT FAVOR THE FORMATION OF EXCESSIVE MISTS AND/OR FUMES.

**SPILL OR LEAK HANDLING DATA:**

EXTINGUISH POSSIBLE SOURCES OF IGNITION. EVACUATE ALL UNPROTECTED PERSONNEL AND VENTILATE AREA. ONLY PERSONNEL EQUIPPED WITH PROPER RESPIRATORY, SKIN/EYE PROTECTION SHOULD ENTER SPILL AREA. DIKE AREA TO CONTAIN SPILL AND CLEAN UP BY ABSORBING ON AN INERT ABSORBENT OR OTHER MEANS. DO NOT FLUSH INTO SEWERS OR NATURAL WATERWAYS.  
WASTE DISPOSAL METHOD: DISPOSE IN ACCORDANCE WITH FEDERAL, STATE, AND LOCAL REGULATIONS.

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**SPECIAL PROTECTION DATA:**

RESPIRATORY PROTECTION: USE NIOSH/MSHA APPROVED RESPIRATORS, WHEN VAPORS OR MISTS CONCENTRATIONS EXCEED PERMISSIBLE EXPOSURE LIMITS.

VENTILATION: USE LOCAL EXHAUST OR DILUTION VENTILATION AS APPROPRIATE TO CONTROL VAPOR OR MISTS TO BELOW PERMISSIBLE EXPOSURE LIMITS.

PROTECTIVE GLOVES: NEOPRENE RUBBER OR OTHER CHEMICAL RESISTANT MATERIAL.

EYE PROTECTION: GOGGLES WITH SPLASH SHIELDS OR FULL-FACE SHIELD/MASK.

OTHER PROTECTION: APRON -- CHEMICAL RESISTANT BOOTS .  
EYEWASH AND SHOWER.

**HEALTH HAZARD DATA:**

PRIMARY ROUTE (S) OF ENTRY: ABSORPTION, INHALATION.

INHALATION: DIZZINESS, IMPAIRED COORDINATION, HEADACHES, AND LOSS OF CONSCIOUSNESS. SEVERE RESPIRATORY TRACT IRRITATION. TOXIC SYSTEMIC EFFECTS ARE POSSIBLE.

FIRST AID: REMOVE TO FRESH AIR. IF NOT BREATHING, GIVE ARTIFICIAL RESPIRATION. IF BREATHING IS DIFFICULT GIVE OXYGEN. CALL A PHYSICIAN.

EYES: VAPORS MAY CAUSE EYE IRRITATION WITH TEARING, PAIN OR BLURRED VISION. CONTACT WITH THE LIQUID MAY CAUSE SEVERE IRRITATION OR BURNS. DAMAGE MAY BE PERMANENT.

FIRST AID: IMMEDIATELY FLUSH EYES WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES. CALL A PHYSICIAN.

SKIN: MODERATE IRRITATION AND DISCOMFORT POSSIBLE. DEFATTING OF SKIN, REDNESS AND CHEMICAL DERMATITIS POSSIBLE. TOXIC SYSTEMIC EFFECTS FROM ABSORPTION ARE POSSIBLE.

FIRST AID: FLUSH SKIN THOROUGHLY WITH WATER. WASH CLOTHING BEFORE REUSE.

INGESTION: SLIGHTLY TOXIC. RAT ORAL LD50 == 2737 MG/KG. CAN BE HARMFUL IF SWALLOWED

FIRST AID: DO NOT INDUCE VOMITING. CALL A PHYSICIAN IMMEDIATELY.

**REGULATORY INFORMATION:**

TOLUENE: IS LIST IN CALIFORNIA PROPOSITION 65 AND NEW JERSEY RIGHT-TO-KNOW LABEL

**ABBREVIATIONS:**

ACGIH: AMERICAN CONFERENCE OF GOVERNMENTAL INDUSTRIAL HYGIENISTS

D.O.T.: DEPARTMENT OF TRANSPORTATION

HMIS: HAZARDOUS MATERIALS IDENTIFICATION SYSTEM

MG/KG: A WAY OF EXPRESSING DOSE: MILLIGRAMS (MG) OF A SUBSTANCE PER KILOGRAM (KG) OF BODY WEIGHT.

MG/M<sup>3</sup>: A WAY OF EXPRESSING THE CONCENTRATION OF A SUBSTANCE IN AIR: MILLIGRAM (MG) OF SUBSTANCE PER CUBIC METER (M<sup>3</sup>) OF AIR

N/E: NOT ESTABLISHED

OSHA: OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION

PEL: PERMISSIBLE EXPOSURE LIMIT

PPM: PARTS PER MILLION. GENERALLY USED TO EXPRESS SMALL CONCENTRATIONS OF ONE SUBSTANCE IN A MIXTURE

STEL: SHORT-TERM EXPOSURE LIMIT

TLV: THRESHOLD LIMIT VALUE

TWA: TIME WEIGHTED AVERAGE

**STATEMENT:**

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