

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 100 ACRYLIC ADHESIVE

MSDS DATE: 07/19/04
SUPERSEDES 02/01
TYPE: MIXTURE

SHIPPING INFORMATION:

PROPER SHIPPING NAME: DICHLOROMETHANE
HAZARD CLASS OR DIVISION: 6.1 PACKING GROUP: III IDENTIFICATION NUMBER: UN1593
SHIPPING LABEL: POISON *** SEE D.O.T. 173- (LTD QTY)

COMPONENTS:

A. DICHLOROMETHANE (METHYLENE CHLORIDE) OSHA PEL 25 PPM TWA 125 PPM, STEL ACGIH TLV 50 PPM NFPA RATING: HEALTH 2 FLAMMABILITY 1 REACTIVITY 0	CAS.# 75-09-2	MAJOR
B. TRICHLOROETHYLENE ACGIH/TLV: 50PPM OSHA/PEL: 50PPM, TWA STEL: 200PPM	CAS.# 79-01-6	MINOR
C. METHYL METHACRYLIC MONOMER ACGIH/TLV: 100 PPM OSHA/PEL: 100 PPM HMIS HAZARD RATING: HEALTH 2 FLAMMABILITY 3 REACTIVITY 2	CAS.# 80-62-6	MINOR-MINOR

PHYSICAL DATA:

APPEARANCE: THIN, COLORLESS ODOR: ETHER-LIKE
VAPOR PRESSURE: 355mm Hg @20^oc SPECIFIC GRAVITY: 1.32 @25/25^oC
SOLUBILITY IN WATER: 2.0g/100 g @ 25^oC VAPOR DENSITY (AIR=1): 2.93
BOILING POINT: 40^oC (104^oF)

FIRE AND EXPLOSION DATA:

FLASH POINT: NONE AUTOIGNITION TEMPERATURE: 662^oC (1224^oF)
LOWER EXPLOSIVE LIMIT: 14 UPPER EXPLOSIVE LIMIT: 25

EXTINGUISHING AGENTS: DRY CHEMICAL -- FOAM -- CO₂ -- WATER MAY BE AN INEFFECTIVE AGENT.

SPECIAL PROCEDURES: PRESSURE-DEMAND, SELF-CONTAINED RESPIRATORY PROTECTION SHOULD BE PROVIDED FOR FIRE-FIGHTERS IN BUILDINGS OR CONFINED AREAS WHERE THIS PRODUCT IS STORED. STORAGE CONTAINERS EXPOSED TO FIRE SHOULD BE KEPT COOL WITH A WATER SPRAY, IN ORDER TO PREVENT PRESSURE BUILD-UP.

UNUSUAL HAZARDS: THIS PRODUCT IS NONFLAMMABLE AND NONEXPLOSIVE UNDER NORMAL CONDITIONS OF USE. AT HIGH TEMPERATURE, THIS PRODUCT DECOMPOSES TO GIVE OFF HYDROCHLORIC ACID AS GAS PLUS OTHER TOXIC IRRITATING VAPORS SUCH AS PHOSGENE. IF STORAGE CONTAINERS ARE EXPOSED TO EXCESSIVE HEAT, OVER-PRESSURIZATION OF THE CONTAINERS CAN RESULT.

REACTIVITY DATA:

STABILITY: STABLE

CONDITIONS TO AVOID: OPEN FLAMES -- WELDING ARC -- HIGH TEMPERATURES. THESE THINGS CAN INDUCE THERMAL DECOMPOSITION TO IRRITATING AND CORROSIVE HCl FROM SOLVENT VAPOR.

INCOMPATIBILITY: ALKALI METALS -- PURE OXYGEN -- OPEN FLAMES -- WELDING ARC. NO LONG TERM CONTACT WITH ALUMINUM -- ZINC -- OR THEIR ALLOYS.

HAZARDOUS DECOMPOSITION INFORMATION: THERMAL DECOMPOSITION MAY YIELD CARBON MONOXIDE, CARBON DIOXIDE, PHOSGENE AND/OR HYDROGEN CHLORIDE.

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR.

SPILL OR LEAK HANDLING:

PERSONAL PROTECTION: APPROPRIATE PROTECTIVE EQUIPMENT MUST BE WORN WHEN HANDLING A SPILL OF THIS MATERIAL.

PROCEDURES: EVACUATE UNNECESSARY PERSONNEL. CONTAIN SPILL IMMEDIATELY WITH INERT MATERIALS (E.G. SAND, EARTH). TRANSFER LIQUIDS AND SOLID DIKING MATERIAL TO SEPARATE CONTAINERS FOR RECOVERY OR DISPOSAL.

WASTE DISPOSAL: ALL WASTE SHOULD BE DONE IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS.

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SPECIAL PROTECTION:

VENTILATION: WORK IN WELL-VENTILATED AREAS. MAINTAIN EXPOSURE BELOW 50PPM. WHERE ENGINEERING CONTROLS ARE NOT FEASIBLE, USE ADEQUATE LOCAL EXHAUST VENTILATION WHERE MISTS, SPRAY, OR VAPOR MAY BE GENERATED. THE ODOR OF SC 100 MAY INDICATE AN AIR CONCENTRATION IN EXCESS OF 200PPM.

RESPIRATORY: USE A NIOSH/MSHA APPROVED AIR-SUPPLIED RESPIRATOR FOR AIR CONCENTRATIONS OVER 50PPM. ACCORDING TO NIOSH, AIR PURIFYING RESPIRATORS SHOULD NOT BE USED WITH METHYLENE CHLORIDE.

EYE: WEAR CHEMICAL SAFETY GOGGLES PLUS A FULL-FACE SHIELD TO PROTECT AGAINST SPLASHING WHERE APPROPRIATE.

GLOVES: SOLVENT RESISTANT GLOVES SHOULD BE WORN, SUCH AS VITRON, POLYVINYL ALCOHOL, OR EQUIVALENT. GLOVES CONTAMINATED WITH SC 100 SHOULD BE DISCARDED.

OTHER CLOTHING AND EQUIPMENT: PROTECTIVE CLOTHING SHOULD BE WORN TO MINIMIZE SKIN CONTACT. USE STANDARD WORK SHOES; DISCARD IF SHOES CANNOT BE DECONTAMINATED. STORE CONTAMINATED CLOTHING IN WELL-VENTILATED CABINETS OR CLOSED CONTAINERS. WASH AND DRY CONTAMINATED CLOTHING BEFORE REUSE. EMERGENCY SHOWER AND EYEWASH FACILITY.

HEALTH HAZARD DATA:

PRIMARY ROUTES OF ENTRY: INHALATION -- SKIN CONTACT.

EFFECT OF OVEREXPOSURE:

INHALATION: EXCESSIVE INHALATION MAY PRODUCE SYMPTOMS OF CENTRAL NERVOUS SYSTEM DEPRESSION, RANGING FROM LIGHT-HEADED, NAUSEA AND VOMITING TO UNCONSCIOUSNESS AND DEATH. INHALATION MAY CAUSE RESPIRATORY IRRITATION, TRANSIENT PULMONARY EDEMA AND LIVER DAMAGE.

FIRST AID: REMOVE TO FRESH AIR. IF BREATHING IS DIFFICULT, HAVE A TRAINED PERSON ADMINISTER OXYGEN. IF BREATHING HAS STOPPED, GIVE MOUTH-TO-MOUTH RESUSCITATION. GET IMMEDIATE MEDICAL ATTENTION.

EYE: AN IRRITANT TO THE EYES. CAUSING: PAIN -- TEARING -- GENERAL INFLAMMATION.

FIRST AID: IMMEDIATELY FLUSH EYES WITH LARGE AMOUNTS OF WATER FOR AT LEAST 15 MINUTES, HOLDING EYELIDS APART TO ENSURE FLUSHING OF THE ENTIRE EYE SURFACE. IF IRRITATING PERSISTS, CALL A PHYSICIAN.

SKIN: MILDLY IRRITATING. MAY PRODUCE A BURNING SENSATION. PROLONGED OR REPEATED CONTACT MAY CAUSE SKIN TO BECOME REDDENED, ROUGH, AND DRY TO THE REMOVAL OF NATURAL OILS ANDS MAY RESULT IN DERMATITIS. THIS PRODUCT MAY BE ABSORBED THROUGH THE SKIN, ALTHOUGH NOT EXPECTED TO PRODUCE TOXICITY BY THIS ROUTE.

FIRST AID: WASH CONTAMINATED AREAS WITH PLENTY OF SOAP AND WATER. A SOOTHING OINTMENT MAY BE APPLIED TO IRRITATED SKIN AFTER THOROUGH CLEANSING. WASH CONTAMINATED CLOTHING BEFORE REUSE.

INGESTION: MAY CAUSE IRRITATION OF THE GASTROINTESTINAL TRACT WITH VOMITING. IF VOMITING RESULTS IN ASPIRATION, CHEMICAL PNEUMONIA COULD FOLLOW. ABSORPTION THROUGH GASTROINTESTINAL TRACT MAY PRODUCE LIVER DAMAGE AND SYSTEMS OF CENTRAL NERVOUS SYSTEM DEPRESSION RANGING FROM LIGHTHEADED TO UNCONSCIOUS.

FIRST AID: DO NOT INDUCE VOMITING. THIS MATERIAL IS NOT SOLUBLE. DO NOT GIVE FLUIDS. IF SPONTANEOUS VOMITING IS INEVITABLE, PREVENT ASPIRATION BY KEEPING THE VICTIM'S HEAD BELOW KNEES. GET IMMEDIATE MEDICAL ATTENTION.

A QUALIFIED PHYSICIAN CAN PERFORM GASTRIC LAVAGE ONLY WHEN THE AIRWAY (TRACHEA) HAS BEEN SECURED TO PREVENT ASPIRATION.

NOTE: FOLLOWING INGESTION ABSORBENT SUCH AS ACTIVATED CHARCOAL MAY BE OF VALUE. GASTRIC LAVAGE MAY BE EFFECTIVE WHEN PERFORMED BY A PHYSICIAN WITHIN 4-HOURS OF INGESTION. OVER EXPOSURE TO THIS PRODUCT CAN PRODUCE ELEVATED CARBOXYHEMOGLOBIN LEVELS.

MEDICAL LIMITATIONS: PERSONS WITH ANGINA OR OTHER CARDIOVASCULAR DISEASES SHOULD NOT BE EXPOSED TO THIS PRODUCT.

SSTATEMENT:

THE INFORMATION CONTAINED HEREIN IS BASED ON DATA CONSIDERED ACCURATE. HOWEVER, NO WARRANTY IS EXPRESSED OR IMPLIED REGARDING THE ACCURACY OF THESE DATA OR THE RESULTS TO BE OBTAINED FROM THE USE THEREOF.. CASEWAY ASSUMES NO RESPONSIBILITY FOR PERSONAL INJURY OR PROPERTY DAMAGE TO VENDEES USERS OR THIRD PARTIES CAUSED BY THE MATERIAL. SUCH VENDEES OR USERS ASSUME ALL RISKS ASSOCIATED WITH THE USE OF THE MATERIAL.