SAFETY DATA SHEET

SECTION 1 - COMPANY NAME AND PRODUCT IDENTIFICATION

PRODUCT NAME: CHANNEL BOND ADHESIVE

PRODUCT USE: Solvent Cement for Bonding Polycarbonate to Other Plastics

SUPPLIER:

MANUFACTURER: Ventex Technology, LLC
Transco To Go, LLC
1020A Idlewilde Blvd.
Columbia, SC 29201 USA
(803) 794-8061

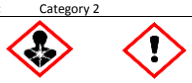
EMERGENCY TELEPHONE: (800) 869-6366
GENERAL INFORMATION: (803) 794-8061

SECTION 2 - HAZARDS IDENTIFICATION

GHS CLASSIFICATION:

Health		Environmental		Physical	
Acute Toxicity:	Category 4	Acute Toxicity:	None Known	Carcinogenicity:	Category 2
Skin Irritation:	Category 3	Chronic Toxicity:	None Known		
Skin Sensitization:	NO				
Eye Irritation:	Category 2				

GHS LABEL:



SIGNAL WORD:
Warning

WHMIS CLASSIFICATION:
Class B, Division 2
Class D, Division 1B

Hazard Statements	Precautionary Statements
H315: Causes skin irritation	P261: Avoid breathing dust/ fumes/ gas/ mist/ vapors/ spray
H317: May cause an allergic skin reaction	P264: Wash skin thoroughly after handling
H319: Causes serious eye irritation	P271: Use only outdoors or in a well-ventilated area
H335: May cause respiratory irritation	P280: Wear protective gloves/eye protection/ face protection
H336: May cause drowsiness or dizziness	P302 + P352 IF ON SKIN: Wash with plenty of soap and water
H351: Suspected of causing cancer	P304 + P340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing
EUH066: Repeated exposure may cause dry skin	P305 +P351 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
	P337 + P313: Get medical advice/ attention
	P403 + P233: Store in a well-ventilated place. Keep container tightly closed

SECTION 3 - COMPOSITION/ INFORMATION ON INGREDIENTS

	CAS #	EINECS #	% Weight
Dichloromethane	75-09-2	200-838-9	60 - 80
Methyl Ethyl Ketone (MEK)	78-93-3	201-159-0	18 - 35
Non-Hazardous Components	N/A	N/A	2 - 5

SECTION 4 - FIRST AID MEASURES

Contact with eyes: Flush eyes immediately with plenty of water for 15 minutes and seek medical advice
Skin contact: Wash skin with soap and water. If irritation develops, get medical attention
Inhalation: Remove to fresh air. If breathing is stopped, give artificial respiration. If breathing is difficult, give oxygen. Seek medical advice.
Ingestion: Do not induce vomiting. Seek medical advice immediately

SECTION 5 - FIREFIGHTING MEASURES

Suitable Extinguishing Media: Water fog or fine spray, carbon dioxide, dry chemical or foam
Unsuitable Extinguishing Media: Dry chemical powder
Exposure Hazards: Inhalation and dermal contact
Combustion Products: Hydrogen chloride, trace amounts of chlorine, phosgene
Protection for Firefighters: Wear positive-pressure self-contained breathing apparatus (SCBA) and protective fire fighting clothing

SECTION 6 - ACCIDENTAL RELEASE and DISPOSAL MEASURES

Spills: Provide adequate ventilation. Evacuate all non-essential personnel from the spill area. Use personal protective equipment. Avoid breathing vapors, mist or gas. Shut off or plug source of spill.
Small spills: Absorb on inert media and collect into suitable container.
Salvage as much re-usable liquid as possible into a suitable container. Contain spillage, and then collect and place in container for disposal according to local regulations. Do not use zinc, aluminum or collect and place in container for disposal according to local regulations. Do not use zinc, aluminum or plastic containers.

SECTION 7 - STORAGE AND HANDLING

Handling: Do not get in eyes, on skin or on clothing. Do not breathe vapors or mists. Keep container closed tightly sealed when not in use.
Storage: Store in a cool, dry ventilated area, away from incompatible substances. Store only in approved and properly labeled containers. Keep containers tightly closed in a dry and well ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage.

SECTION 8 - EXPOSURE CONTROLS AND PERSONAL PROTECTION

EXPOSURE LIMITS:

Component	ACGIH TLV	ACGIH STEL	OSHA PEL	OSHA STEL
Dichloromethane	50 ppm	N/E	25 ppm	125 ppm
Methyl Ethyl Ketone (MEK)	200 ppm	300 ppm	200 ppm	300 ppm

Engineering controls: Provide general and/ or local exhaust ventilation to control airborne levels below the exposure guidelines. Lethal concentrations may exist in areas with poor ventilation.
Monitoring: Maintain breathing zone airborne concentrations below exposure limits.
Personal Protective Equipment (PPE):
Eye Protection: Use chemical goggles. If exposure causes eye discomfort, use a full-face respirator.
Skin Protection: Prevent contact with the skin as much as possible. Use protective clothing chemically resistant to this material. Remove contaminated clothing immediately, wash skin area with soap and water and launder clothing before reuse or dispose of properly.
Respiratory Protection: Prevent inhalation of the solvents. Use in a well-ventilated room. Open doors and/or windows to ensure airflow and air changes. Use local exhaust ventilation to remove airborne contaminants from employee breathing zone to keep contaminants below levels listed above.
With normal use, the Exposure Limit Value will not usually be reached. When limits approached, use respiratory protection equipment.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Flash Point: No available data
Autoignition Temperature: 1,033 deg. F
Boiling Point: 104 deg. F
Melting Point/ Freezing Point: -142.6 deg. F
Vapor Pressure: 349 mmHg
Vapor Density (Air-1): 2.93
Flammability Limits: Lower: 12 Upper: 19
Specific Gravity: 1.326
Volatile %: 100
Evaporation Rate (Water=1): 0.7
pH: Not applicable
Solubility in Water: Slightly soluble
Odor/ Appearance: Clear colorless liquid with penetrating odor

SECTION 10 - STABILITY AND REACTIVITY

Stability: Stable under recommended storage conditions. (See SECTION 7)
Hazardous decomposition products: Depending on temperature and air supply, may include hydrogen chloride, trace amounts of chlorine, phosgene.
Conditions to avoid: Avoid open flames, welding arcs, or other high temperature sources. Avoid direct sunlight.
Incompatible materials: Oxidizers, strong bases, amines, such as zinc powders, aluminum or magnesium powders, potassium sodium.

SECTION 11 - TOXICOLOGICAL INFORMATION

Signs and Symptoms of Overexposure:
Skin: Slight to mildly irritating. Can be absorbed through the skin.
Eyes: Vapors may be irritating. Irritation accompanied by redness and tearing.
Inhalation: High vapor concentration may be irritating to respiratory system. Breathing of vapor may cause headaches, irritation of throat and may cause central nervous system depression.
Ingestion: May cause gastric distress, diarrhea and vomiting. Harmful or fatal if swallowed in large quantity.

Acute oral toxicity:
LD50 rat: 2,000 mg/kg
Acute inhalation toxicity:
LC50 rat: 52,000 mg/m3
Acute dermal toxicity:
LD50 rabbit: 2,000 mg/kg

SECTION 12 - ECOLOGICAL INFORMATION

Aquatic Toxicity: Toxicity to fish LC50 - Pimephales promelas (fathead minnow) - 193.00 mg/l - 96h
Bio-accumulative potential: No available published data.
Mobility: No available published data.

SECTION 13 - WASTE DISPOSAL CONSIDERATIONS

Follow local and national regulations. Consult disposal expert.

SECTION 14 - TRANSPORT INFORMATION

U.S. DEPARTMENT OF TRANSPORTATION (Road or Rail):

Proper Shipping Name: Dichloromethane
Hazard Class: 6.1
UN Number: 1593
Packing Group: 3

SECTION 15 - REGULATORY INFORMATION

US FEDERAL REGULATIONS

Comprehensive Environmental Response and Liability Act (CERCLA)
This material is not subject to any special reporting under the requirements of the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA).

SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302. The reportable quantity (RQ) for this material is 1,000 pounds. If appropriate, immediately report to the National Response Center (800-424-8802) as required by U.S. Federal Law. Also contact appropriate state and local regulatory agencies.

Toxic Substance Control Act (TSCA): All components of this product are listed on the TSCA inventory list.

SARA Section 311/312 (40 CFR 370) Hazard Categories:
Acute Health Hazard, Chronic Health Hazard

SARA 313 (40 CFR 372) Hazard Categories:
The following components are subject to reporting levels established by SARA Title III, Section 313: Methylene Chloride

Clean Water Act: Dichloromethane in this product is listed as Hazardous Substances under the CWA.

Clean Air Act: Dichloromethane in this product is listed as Hazardous Substances under the CCA.

California Prop 65: This product contains Methylene Chloride a chemical known by the State of California to cause cancer, birth defects or other reproductive harm.

SECTION 16 - OTHER INFORMATION

MSDS Revision Date: August, 2015
Reason for reissue: Updated GHS Standard Format
Intended Use of Product: Solvent Cement for Bonding Polycarbonate to Other Plastics
Training necessary: Yes, training in practice and procedures contained in product literature.

National Fire Protection Association (NFPA) Ratings: This information is intended solely for the use of individuals trained in the NFPA system.

Health : 2
Flammability: 0
Reactivity: 0

This product is intended for use by skilled individuals at their own risk. The information contained herein is based on data considered accurate based on current state of knowledge and experience. However, no warranty is expressed or implied regarding the accuracy of this data or the results to be obtained from the use thereof.