Material Safety Data Sheet
D496 Sewing Softener

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Bond Products Inc.
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Philadelphia, PA 19144
1 (215) 842-0200

Product Name:	Sewing Softener
Product Code:	D496
Version Date:	01/09/07
24-hour emergency phone:	1-800-424-9300 [CHEMTREC]

2. COMPOSITION /INFORMATION ON INGREDIENTS

			Exposure Limits	
COMPONENT	**CAS #**	**ACGIH TLV**	**OSHA PEL**	**OTHER**
Chlorinated solvent	79-01-6	50 ppm	100 ppm	None
Carbon Dioxide	124-38-9	5000 ppm	5000 ppm	None

3. HAZARDS IDENTIFICATION

POTENTIAL ACUTE [single or short term] HEALTH EFFECTS OF OVEREXPOSURE

Eye : May cause eye irritation. Symptoms may include stinging, tearing, and redness. Mild, temporary damage possible.

Skin : Skin contact may cause irritation. Symptoms may include redness, burning, drying and cracking, and other skin damage. Prolonged or repeated contact with liquid can cause irritation and dermatitis. Passage of this material into the body through the skin is possible, but it is unlikely that this would result in harmful effects during safe handling and use. Liquid may cause frostbite.

Ingestion : This material can enter the lungs during swallowing or vomiting and cause lung inflammation and/or damage.

Inhalation : Breathing high concentrations of vapors or mists may cause irritation of the nose, throat and signs of nervous system depression (e.g. headache, drowsiness, dizziness, loss of coordination, fatigue, loss of consciousness or death depending on duration of exposure). Exposure to high concentrations can cause irregular heartbeat, cardiac arrest and death.

POTENTIAL CHRONIC [long term] HEALTH EFFECTS OF OVEREXPOSURE:

General Effects: Overexposure to this material (or its components) has been suggested as a cause of the following effects in humans: toxic effects in the liver; toxic effects in the kidneys; nervous system effects; toxic effects on other internal organs; rhythm disorders of the heart;

Cancer Information: This material (or a component) has been extensively studied for chronic effects in animals. While there are studies in which tumors were induced in mice, there is no evidence that this material (or a component) poses a carcinogenic risk to humans. IARC has classified this material (or a component) in Group 2A as a substance considered probably carcinogenic to humans. It is not listed by NTP and OSHA.

Mutagenicity: No data available to indicate product or any components present at greater than 0.1% is mutagenic or genotoxic.

MEDICAL CONDITIONS AGGRAVATED BY OVEREXPOSURE:

Alcoholism, acute and chronic kidney or liver disease, rhythm disorders of the heart, and neuritis and other disorders of the nervous system. Exposure can result in cardiac sensitization and increase the risk of cardiac arrest.

HAZARDOUS WARNINGS HMIS:

Health: 2 Flammability: 1 Reactivity: 0 Personal Protective Equipment See Section 8

4. FIRST AID MEASURES

Eyes: Immediately flush eyes gently with plenty of water for at least 15 minutes while holding eyelids apart. If symptoms persist or there is visual difficulty, seek medical attention.

Skin Contact: In case of contact, immediately wash contaminated area with plenty of water for at least 15 minutes. Remove contaminated clothing. Seek medical attention if symptoms persist. Wash clothing before reuse.

Ingestion: Do not induce vomiting. Aspiration into the lungs can cause serious damage. Seek medical attention immediately. If vomiting occurs spontaneously, keep head below hips to prevent aspiration of liquid into lungs. Contact a physician, medical facility, or poison control center for advice on whether to induce vomiting. Ingestion is an unlikely route of exposure.

Inhalation: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Continue your efforts until help arrives or the victim starts to breathe on his own. Do not leave alone. Seek medical attention. Keep the victim warm and quiet.

NOTES TO PHYSICIAN:

Chlorinated hydrocarbons may sensitize the heart to epinephrine and other circulating catecholamines so that arrhythmias may occur.

5. FIRE FIGHTING MEASURES

Fire and/or Explosion Hazards: No flash point detected, but concentrated vapors can be ignited by high intensity energy source. Containers may rupture or explode under fire conditions.

Fire Fighting Instructions: Apply water from a safe distance to cool container and protect surrounding area. Avoid breathing the products and substances that may result from the thermal decomposition of the product or other substances in the fire zone. Fire fighters should wear normal protective equipment and positive-pressure self-contained breathing apparatus.

Aerosol Flame Projection Test: Non-flammable aerosol, as determined by ASTM D 3065-94.

6. ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED:
Wear appropriate personal protective equipment (PPE). Stop or reduce discharge if it can be done safely. Avoid run-off into storm sewers and ditches which may lead to natural waterways. Clean up with absorbent material. Place absorbent materials into container and close it tightly. Dispose of container properly. Ventilate contaminated area.

7. HANDLING AND STORAGE

Handling: This material, being heavier than air, tends to accumulate near the floor of an enclosed space displacing the air upward and creates and oxygen-deficient atmosphere. Use with adequate ventilation.

Storage: Keep container closed when not in use. Store in a cool, dry, well ventilated area away from all sources of ignition. Do not store at temperatures above 120 degrees F. Empty container may contain residues which are hazardous. Normal precautions common to safe manufacturing practice should be followed in handling and storage.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering Controls: Ventilation should be adequate to prevent exposures above the limits indicated in "Section 2" of this MSDS (from known, suspected or apparent adverse effects).

Eye Protection: Wear chemically resistant safety glasses with side shields when handling this product. Wear additional eye protection such as chemical splash goggles and/or face shield when the possibility exists for eye contact with splashing or spraying liquid or airborne material. Do not wear contact lenses. Have an eye wash station available.

Skin Protection: The use of chemically resistant gloves is recommended if there is any possibility of prolonged or repeated liquid contact with skin.

Respiratory Protection: A supplied air respirator should be used if ventilation is not sufficient to maintain exposure limits. Use NIOSH approved respirator where there is likelihood of inhalation of the product mist, spray or aerosol.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	Aerosol can	Vapor Density:	[air = 1] 4.38
Appearance:	Clear Colorless	Evaporation Rate:	0.1-0.5 (n-Butyl acetate = 1)
Odor:	Sweet	Solubility in Water:	Negligible; 0-1%
Specific Gravity:	1.3 @ 70 deg F	Boiling Point:	Not applicable deg F
Vapor Pressure:	5068.6 mmHg @ 70 deg F	pH:	Not applicable

10. STABILITY AND REACTIVITY

Chemical Stability: Stable.

Conditions to Avoid: Avoid contact with open flames, electric arcs, or other hot surfaces which can cause thermal decomposition. Avoid contact with: Strong alkalies. Oxidizers. Barium. Lithium. Magnesium. Titanium. Aluminum equipment should not be used for storage or transfer. Contact with aluminum parts in a pressurizable fluid system may cause violent reaction. Liquid oxygen or other strong oxidants may form explosive mixtures with a component(s). Avoid contact with alkali metals, alkaline earth metals, metal acetylides, chromium, titanium above 550° C, uranium above 750° C.

Decomposition Products: Hydrogen chloride Phosgene Chlorine Carbon monoxide. Oxygen

11. DISPOSAL CONSIDERATIONS

Disposal : Dispose according to Federal, State and local regulations.

12. TRANSPORTATION INFORMATION

DOT Name:	Consumer Commodity	UN Number:	Not applicable
IATA Name:	Consumer Commodity	Hazardous Class:	ORM-D 9 (IATA only)
		Packing Group:	Not applicable

13. REGULATORY INFORMATION

Warning: This product contains the following chemicals that are subject to reporting requirements for the following regulatory bodies listed below:

COMPONENT	CAS #	% BY WEIGHT	Regulatory Body
Trichloroethylene	79-01-6	90 - 100	SARA Section 313

Warning: This product may contain chemicals known to the State of California to cause cancer. See list below.

Trichloroethylene	79-01-6	90 - 100	Prop65 Cancer

Warning: This product may contain chemicals known to the State of California to cause birth defects. See list below.
No components listed in this section. Prop65 Birth Defects

All components of this product are listed on the TSCA inventory.

This information contained in this MSDS is believed to be accurate as of the version date, but is not warranted to be. Since the use of this information and the conditions of use of this product are not within the control of Bond Products Inc., it is the user's obligation to determine the conditions of safe use.