

POLYCARBONATE WARNING

These products are intended for industrial compressed air systems only. Do not use where pressures or temperatures can exceed those listed on the label. Except as otherwise specified by the manufacturer, this product is specifically designed for compressed air service and use with any other fluid (liquid or air) is a misapplication. For example, use with or injection of certain hazardous liquids or gases in the system (such as alcohol or liquid petroleum gas) could be harmful to the unit or result in a combustible condition or hazardous external leakage.

Before using for non-industrial applications, life-support systems, with fluids other than those specified, or other applications not within published specifications, consult the manufacturer for written approval.

Components used on fluid power system can fail in various modes through misuse, age, inadequate maintenance, or malfunction. The system designer is warned to consider failure modes of all component parts used in fluid power systems and to provide adequate safeguards to prevent personal injury or damage to equipment in the event of such a failure.

System designers must provide a warning to end users in the instructions if protection against a failure mode cannot be adequately provided.

System designers and end users are cautioned to review specific warnings found on product labels and in instruction sheets packed with these products.

FOR UNITS WITH PLASTIC BOWLS & RESERVOIRS

WARNING - Miniature units are designed with heavy duty plastic bowls and small pressure areas. Therefore, bowl guards are not required. If cracks appear in any plastic bowl, it should be replaced by a metal bowl that is not susceptible to chemical attack. Except for miniature units, all plastic bowls pressurized by more than gravity head should have shatterguards. **DO NOT PLACE A PLASTIC BOWL UNIT DESIGNED FOR SHATTERGUARDS IN SERVICE WITHOUT THE BOWL GUARD INSTALLED.** To minimize the danger of flying fragments in the event of plastic bowl failure, the metal bowl guards should not be removed.

CAUTION - Certain compressor oils, chemicals, household cleaners, solvents, paints, and fumes will attack plastic bowls and can cause bowl failure. Do not use near these materials. When bowl becomes dirty, replace it or wipe only with a clean dry cloth. Reinstall metal bowl guard or buy and install one. Immediately replace any crazed, cracked, damaged or deteriorated plastic bowl with a metal bowl. Plastic bowls should be protected from direct

SOME OF THE MATERIALS THAT WILL ATTACK CLEAR TRANSPARENT POLYCARBONATE BOWLS & RESERVOIRS.

Acetaldehyde	Antifreeze	Carbon tetrachloride	Dimethyl formamide	Ether alcohol	Methyl chloride	Nitroethylene	Sodium sulfide
Acetylene chloride	Benzene	Caustic potash solution	Dimethyl phthalate (DEP)	Fluoric acid	Methylene chloride	Nitromethane	Styrene
Acetic acid (conc.)	Benzene hexachloride	Caustic soda solution	Diocetyl phthalate (DOP)	Formic acid (conc.)	Methylene salicylate	Oxalic acid	Sulfuric acid (conc.)
Acetone	Benzonitrile	Chlorobenzene	Diane	Freon (refrig. & propell)	Methyl ether	Phenol	Sulfate of soda
Acetonitrile	Benzoic acid	Chloroform	Ethane tetrachloride	Gasoline (high aromatic)	Methyl ethyl ether	Phosphoric acid	Sulphural chloride
Acetophenone	Benzyl alcohol	Chromic acid	Ethyl acetate	Glycolic acid	Methyl ketone	Phosphorous hydroxychloride	Tartaric acid
Acrylic acid	B.H.C.	Citric acid	Ethyl ether	Hydrazine	Milk of lime (CaOH)	Phosphorous trichloride	Tetrahydronaphthalene
Acrylonitril	Brake fluids	Cresol	Ethyamine	Hydrochloric acid (conc.)	Naphtha	Phtalic acid	Tiophene
Ammonia	Bromobenzene	Cyclohexanol	Ethylbenzene	Lacquer thinner	Naphthol	Potassium bichromate	Toluene
Ammonium fluoride	Butyric acid	Cyclohexanone	Ethylene chloride	Lactic acid	Nitric acid (conc.)	Potassium nitrate	Turpentine
Ammonium hydroxide	Carbolic acid	Cyclohexene	Ethylene chlorohydrin	Malic acid	Nitrobenzene	Propionic acid	Xylene
Ammonium sulfide	Carbon disulfide	Dibutyl phthalate (DBT)	Ethylene dichloride	Methyl alcohol	Nitrocellulose lacquer	Pyridine	Perchloroethylene and others
Anaerobic adhesives & sealants	Carbon disulfide	Dichlorobenzene	Ethylene glycol	Methylamine	Nitroethane	Sodium carbonate	

TRADE NAMES OF SOME COMPRESSOR OILS, RUBBER COMPOUNDS, AND OTHER MATERIALS THAT WILL ATTACK POLYCARBONATE BOWLS.

Atlas "Perma-Guard"	* Garlock #98403 (polyurethane)	Kano Krail	Minnesota Rubber 366Y	Petron PD287	Stauffer Chemical FYRQUEL #150	Tenneco anderal #495 and #500 oils
Buna N	Haskel #568-023	Keystone penetrating oil #2	National Compound #N11	Prestone	Stillman #SR 269-75 (polyurethane)	Titon
Cellulube #150 and #220	Hilgard Co.'s hil phene	Loctite #271, #290, and #1055	Nylock VC-3	Pydraul AC	Stillman SR 513-70 (neoprene)	* Vibra-tite
Crylex #5 cement	Houghton & Co. oil #1120, #1130 & #1055	* Loctite Teflon-Sealant	Parco #1306 Neoprene	Sears Regular Motor Oil	Tannergas	Zerex
Eastman #910	Houtosafe 1000	* Marvel Mystery Oil	* Permabond #910	Sinclair Oil "Lily White"	Telar	

(*) When in raw liquid form

We cannot possibly list all harmful substances. So check with your Miles Chemical or General Electric office for further information on polycarbonate plastic.