

Cropland Conainers Chemical Resistance Chart

A B C D	No known effect Some effect, evaluate with caution Moderate to Severe effect, evaluation not recommended Unknown								
		Polypropylene	Polyethylene	316 Stainless Steel	Carbon steel	PTFE (Teflon-type)	Fluorocarbon (Viton-type)	EPDM	Nitrile / Buna N
Prodcut Description									
	1,2,2,2-Tetrafluoroethane, pure - Hydrocarbon, Aliphatic, Halogenated	D							
	1,2-ethanediol, 30% - Alcohol, Aliphatic, Polyol	A							
	1,2-ethanediol, pure - Alcohol, Aliphatic, Polyol	A							
	1,2-propanediol, pure - Alcohol, Aliphatic, Polyol	A							
	1,3-Benzenediol, 5% - Alcohol, Aromatic, Polyol	A							
	1,3-Benzenediol, pure - Alcohol, Aromatic, Polyol	A							
	1,3-Benzenediol, saturated - Alcohol, Aromatic, Polyol	A							
	1,3-Butylene Glycol, pure - Alcohol, Aliphatic, Polyol	D							
	1,4-benzoquinone, pure - Ketone, Aliphatic, Cyclic	D							
	1-Dodecanol, pure - Alcohol, Aliphatic	D							
	1-Hexadecanol, pure - Alcohol, Aliphatic	A							
	1-Propanol, 100% - Alcohol, Aliphatic	A							
	1-Propanol, pure - Alcohol, Aliphatic	A							
	2,(2-Ethoxyethoxy)ethanol, pure - Ether, Aliphatic, Alcohol	A							
	2,4,6-Trimethyl-1,3,5-trioxane, pure - Ketone, Aliphatic, Cyclic	D							
	2-Butoxyethanol, pure - Ether, Aliphatic, Alcohol	D							
	2-Mercaptoethanol, pure - Alcohol, Aliphatic, Mercaptan	D							
	2-Methoxyethanol Acetate, pure - Ether, Aliphatic, Ester	C							
	2-Methoxyethanol, pure - Ether, Aliphatic, Alcohol	B							
	2-Propanol, 100% - Alcohol, Aliphatic	A							
	2-Propanol, 30% - Alcohol, Aliphatic	A							
	2-Propanol, pure - Alcohol, Aliphatic	A							
	3-Pentanone, pure - Ketone, Aliphatic	B							
	4-Hydroxy-4-methyl-2-pentanone, pure - Ketone, Aliphatic, Alcohol	A							
	Abietic Acid	D							
	Acetaldehyde	B	D						
	Acetamide	A							
	Acetanilide	D							
	Acetic Acid, <5% - Acid, Organic	A							
	Acetic Acid, 1% - Acid, Organic	A							
	Acetic Acid, 10% - Acid, Organic	A							
	Acetic Acid, 100% - Acid, Organic	A							
	Acetic Acid, 25% - Acid, Organic	A							
	Acetic Acid, 30%	A							
	Acetic Acid, 5%	A							
	Acetic Acid, 50% - Acid, Organic	A							
	Acetic Acid, 60% - Acid, Organic	A							
	Acetic Acid, 90% - Acid, Organic	A							
	Acetic Acid, Glacial	A							
	Acetic Acid, Glacial - Acid, Organic	A							
	Acetic Acid, Hot, High Pressure	D							
	Acetic Anhydride	B							
	Acetoacetic Acid	D							
	Acetone	B							
	Acetone Cyanohydrin	D							
	Acetonitrile	A							
	Acetophenetidine	D							
	Acetophenone	C							
	Acetotoluidide	D							
	Acetyl Acetone	D							
	Acetyl Bromide	D							
	Acetyl Chloride	D							
	Acetylene	C							
	Acetylene Tetrabromide	D							
	Acetylene Tetrachloride	D							

Steam, Above 500°F
 Stearic Acid
 Stoddard Solvent
 Strontium Acetate
 Strontium Carbonate
 Strontium Chloride
 Strontium Hydroxide
 Strontium Nitrate
 Styrene (Monomer)
 Succinic Acid
 Sucrose Solutions
 Sulfamic Acid
 Sulfanilic Acid
 Sulfanilic Chloride
 Sulfanilimide
 Sulfite Liquors
 Sulfolane
 Sulfonated Oils
 Sulfonic Acid
 Sulfonyl Choride
 Sulfosalicylic Acid, pure - Acid, Organic, Aromatic
 Sulfur
 Sulfur (Molten)
 Sulfur Chloride
 Sulfur Dioxide, Dry
 Sulfur Dioxide, dry gas - Misc.
 Sulfur Dioxide, liquid - Misc.
 Sulfur Dioxide, Liquidified under pressure
 Sulfur Dioxide, pure - Misc.
 Sulfur Dioxide, Wet
 Sulfur Hexafluoride
 Sulfur Liquors
 Sulfur Monochloride
 Sulfur Salts, pure - Salt, Inorganic
 Sulfur Tetrafluoride
 Sulfur Trioxide Dry
 Sulfuric Acid (20% Oleum)
 Sulfuric Acid, 10% - Acid, Inorganic
 Sulfuric Acid, 100% - Acid, Inorganic
 Sulfuric Acid, 25% - Acid, Inorganic
 Sulfuric Acid, 2N - Acid, Inorganic
 Sulfuric Acid, 3 Molar to 158°F
 Sulfuric Acid, 30% - Acid, Inorganic
 Sulfuric Acid, 50% - Acid, Inorganic
 Sulfuric Acid, 6% - Acid, Inorganic
 Sulfuric Acid, 60% - Acid, Inorganic
 Sulfuric Acid, 6N - Acid, Inorganic
 Sulfuric Acid, 75% - Acid, Inorganic
 Sulfuric Acid, 96% - Acid, Inorganic
 Sulfuric Acid, 98% - Acid, Inorganic
 Sulfuric Acid, Concentrated Room Temp
 Sulfuric Acid, Concentrated to 158°F
 Sulfuric Acid, fuming - Acid, Inorganic
 Sulfuric Acid, pure - Acid, Inorganic
 Sulfuric Chlorohydrin (Chlorosulfonic Acid)
 Sulfurous Acid
 Sulfuryl Chloride, pure - Misc.
 Sunoco #3661
 Sunoco All purpose grease
 Sunoco SAE 10
 Sunsafe (Fire resist. hydr. fluid)
 Super Shell Gas
 Surfuryl Chloride
 Swan Finch EP Lube
 Swan Finch Hypoid-90
 sym-Trimethylbenzene, pure - Hydrocarbon, Aromatic
 Tallow
 Tannic Acid (10%)

D	D	D	D	D	D	D
A	A	A	A	C	C	C
D	A	A	D	C	A	A
D	D	D	D	A	C	C
D	D	D	D	A	C	C
D	D	D	D	A	C	C
D	D	D	D	A	C	C
D	A	A	A	C	C	C
D	B	A	D	D	C	C
A	A	A	D	A	A	A
D	D	D	D	A	C	C
D	D	D	D	A	C	C
D	D	D	D	A	C	B
D	D	D	D	C	A	B
D	D	D	D	A	C	B
D	D	D	D	C	A	B
D	D	D	D	A	C	B
D	D	D	D	A	C	B
D	D	D	D	A	C	C
D	D	D	D	D	D	C
D	D	D	A	A	A	C
D	D	D	D	C	A	C
A	D	D	A	A	C	C
A	D	D	D	D	D	D
A	D	D	D	D	D	D
D	D	D	D	A	C	C
A	D	A	D	A	C	C
A	D	D	D	D	D	C
D	D	D	D	D	D	D
A	D	D	A	A	A	B
A	C	A	D	C	A	C
C	D	D	D	D	D	C
A	C	A	D	C	A	C
A	C	A	D	C	A	C
Sulfuric Acid, 60% - Acid, Inorganic	B	C	A	D	C	C
Sulfuric Acid, 6N - Acid, Inorganic	B	D	D	D	D	D
Sulfuric Acid, 75% - Acid, Inorganic	C	C	A	D	C	C
Sulfuric Acid, 96% - Acid, Inorganic	C	C	C	D	C	C
Sulfuric Acid, 98% - Acid, Inorganic	C	C	C	D	C	C
Sulfuric Acid, Concentrated Room Temp	C	C	C	A	C	C
Sulfuric Acid, Concentrated to 158°F	C	D	D	A	C	C
Sulfuric Acid, fuming - Acid, Inorganic	C	D	D	D	D	D
Sulfuric Acid, pure - Acid, Inorganic	C	D	D	D	D	D
Sulfuric Chlorohydrin (Chlorosulfonic Acid)	D	D	D	D	A	C
Sulfurous Acid	A	B	A	A	C	A
Sulfuryl Chloride, pure - Misc.	C	D	D	D	D	D
Sunoco #3661	D	D	D	D	C	A
Sunoco All purpose grease	D	D	D	D	C	A
Sunoco SAE 10	D	D	D	D	C	A
Sunsafe (Fire resist. hydr. fluid)	D	D	D	D	C	A
Super Shell Gas	D	D	D	D	C	A
Surfuryl Chloride	D	D	D	D	A	C
Swan Finch EP Lube	D	D	D	D	C	A
Swan Finch Hypoid-90	D	D	D	D	C	A
sym-Trimethylbenzene, pure - Hydrocarbon, Aromatic	C	D	D	D	D	D
Tallow	D	D	D	D	C	A
Tannic Acid (10%)	D	A	A	A	A	A

Tannic Acid, pure - Acid, Organic
Tap Water - Misc.
Tar, bituminous
Tartaric Acid
TCA, 10% - Acid, Organic, Halogenated
TCA, 100% - Acid, Organic, Halogenated
TCA, 25% - Acid, Organic, Halogenated
TCA, pure - Acid, Organic, Halogenated
Tellone II
Terephthalic Acid
Terpineol
Terpinyl Acetate
tert-Butanol, 100% - Alcohol, Aliphatic
tert-Butanol, pure - Alcohol, Aliphatic
tert-Butyl Alcohol, 100% - Alcohol, Aliphatic
tert-Butyl Alcohol, pure - Alcohol, Aliphatic
Tertiary Amyl Methyl Ether (TAME)
Tertiary Butyl Catechol or p-Tert Butyl Catechol
Tertiary Butyl Mercaptan
Tetrabromoethane
Tetrabromomethane
Tetrabutyl Titanate
Tetrachloroethylene
Tetrachoroethane
Tetraethyl Lead
Tetraethyl Lead Blend
Tetraethyl Orthosilicate (TEOS)
Tetrahydrofuran
Tetrahydronaphthalene, pure - Hydrocarbon, Aromatic
Tetralin
Tetramethyl Ammonium Hydroxide
Tetramethylcyclotetrasiloxane (TMCTS)
Tetramethyldihydropyridine
Tetramethyldihydropyridine
Tetraphosphoglucoasate
Tetraphosphoric Acid
Texaco 3450 Gear Oil
Texaco Capella A and AA
Texaco Meropa 220 (No Lead)
Texaco Regal B
Texaco Uni-Temp Grease
Texamatic A 1581 Fluid
Texamatic A 3401 Fluid
Texamatic A 3525 Fluid
Texamatic A 3528 Fluid
Texamatic A Transmission Oil
Texas 1500 Oil
TFA, 100% - Acid, Organic, Halogenated
TFA, 20% - Acid, Organic, Halogenated
TFA, 4% - Acid, Organic, Halogenated
TFA, 48% - Acid, Organic, Halogenated
TFA, pure - Acid, Organic, Halogenated
Therminol 44
Therminol 55
Therminol 66
Therminol FR
Therminol VP-1, 60, 65
THF, pure - Ether, Cyclic
Thio Acid Chloride
Thioamyl Alcohol
Thiodiacetic Acid
Thioethanol
Thioglycolic Acid
Thiokol TP-90B
Thiokol TP-95
Thionyl Chloride
Thiophene (Thiofuran)
Thiophosphoryl Chloride

A	A	A	D	A	A	A
A	A	A	D	A	A	A
D	A	A	A	D	A	B
A	A	A	A	C	A	A
A	D	D	D	D	D	D
B	D	D	D	D	D	D
B	D	D	D	D	D	D
D	D	D	D	D	D	D
D	D	D	D	A	C	C
D	D	D	D	C	A	B
D	D	D	D	D	D	D
A	D	D	D	D	D	D
A	D	D	D	D	D	D
A	D	D	D	D	D	D
D	D	D	D	D	D	D
D	D	D	D	B	A	C
D	D	D	D	C	A	C
D	D	D	D	C	A	C
D	D	D	D	C	A	B
D	D	D	D	A	A	B
C	B	A	D	C	A	C
D	C	A	D	C	A	C
D	B	A	D	C	A	B
D	D	D	D	D	D	D
B	B	A	D	C	C	C
C	D	D	D	D	D	D
C	D	D	D	C	A	C
D	D	D	D	A	C	D
D	D	D	D	D	D	A
D	D	D	D	C	A	A
D	D	D	D	C	A	A
D	D	D	D	C	A	A
D	D	D	D	C	A	A
D	D	D	D	C	A	A
D	D	D	D	C	A	A
D	D	D	D	C	A	A
D	D	D	D	C	A	A
D	D	D	D	C	A	A
D	D	D	D	C	A	A
D	D	D	D	C	A	A
D	D	D	D	C	A	A
D	D	D	D	C	A	A
D	D	D	D	D	D	D
D	D	D	D	D	D	D
A	D	D	D	D	D	D
A	D	D	D	D	D	D
D	D	D	D	D	D	D
D	A	A	D	C	A	C
D	A	A	D	C	A	C
D	A	A	D	C	A	C
D	A	A	D	C	A	C
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B	D	D	D	D	D	D
D	D	D	D	D	D	D
D	D	D	D	C	A	A
D	D	D	D	A	C	C
D	D	D	D	A	C	C
D	D	D	D	A	C	C
D	D	D	D	A	A	C
D	D	D	D	A	A	C
C	D	D	D	C	A	B
D	D	D	D	C	A	B
D	D	D	D	A	C	C

Water
 Waycoat 59 Photoresist - Misc., Photoresist
 Wemco C
 Whiskey
 White Liquor
 White Oil
 White Paraffin, pure - Hydrocarbon, Mixture
 White Pine Oil
 White Spirits - Hydrocarbon, Mixture
 Wine
 Wolmar Salt
 Wood Alcohol
 Wood Oil
 Xenon
 Xylene
 Xylidenes-Mixed-Aromatic Amines
 Xylol
 Zeolites
 Zephiran Chloride, 1% - Misc., Disinfectant
 Zephiran Chloride, 7% - Misc., Disinfectant
 Zinc Acetate
 Zinc Ammonium Chloride
 Zinc Chloride
 Zinc Chromate
 Zinc Cyanide
 Zinc Diethyldithiocarbamate
 Zinc Dihydrogen Phosphate
 Zinc Fluorosilicate
 Zinc Hydrosulfite
 Zinc Naphthenate
 Zinc Nitrate
 Zinc Oxide
 Zinc Phenolsulfonate
 Zinc Phosphate
 Zinc Salts
 Zinc Silicofluoride
 Zinc Stearate
 Zinc Sulfate
 Zinc Sulfide
 Zirconium Nitrate

A	A	A	A	A	A	A
D	D	D	D	D	D	D
D	D	D	D	C	A	A
D	A	A	A	A	D	D
D	D	D	D	A	A	A
D	D	D	D	C	A	A
B	D	D	D	D	D	D
D	D	D	D	C	A	B
D	D	D	D	D	D	D
D	A	A	A	A	A	A
D	D	D	D	A	A	A
D	D	D	D	A	C	A
D	D	D	D	C	A	A
D	D	D	D	A	A	A
C	A	A	A	C	A	C
D	D	D	D	A	C	C
C	D	D	A	C	A	C
D	D	D	D	A	A	A
A	D	D	D	D	D	D
A	D	D	D	D	D	D
D	D	D	D	A	C	B
D	D	D	D	A	C	C
A	C	A	A	A	A	A
D	D	D	D	A	C	C
D	B	A	D	A	D	D
D	D	D	D	A	C	C
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D	B	A	D	A	A	A
D	D	D	D	A	A	A
D	D	D	D	A	C	A
D	A	A	D	A	A	A
D	D	D	D	A	A	A
D	D	D	D	D	D	D
A	D	D	D	A	C	C
A	B	A	A	A	A	A
D	D	D	D	A	C	C
D	D	D	D	A	A	A