

## POLYSHINE POLYCARBONATE SHEET CLEAN GUIDE

### 1. Common Chemical properties List of PC material

Chemical material	concentration%*	tolerance	Chemical material	concentration%*	tolerance
PAEs		N	kerosene		N
Diesel		R	lactic acid	20	R
diethyl ethe		N	paint and diluent		N
DMF		N	Laundry detergent(most)		LR or R
DMSO		N	ligroin(HC mixture)		R
dinonyl phthalate		LR	whitewash(2%) or lime putty		R
DEHS(plasticizer)		LR	White wine or liqueur		R
dioxane		N	flax seed oil		R
Diphyl5,3		LR	loctite glue		N
ethyl alcohol and water	96	R	lubricating oil(most)		LR or LR
ethyl alcohol	pure alcohol	LR	engine oil(most)		R
ethylamine		N	magnesium chloride	saturation	R
ethyl acetate		N	magnesium sulfate	saturation	R
Ethyl bromide		N	manganese sulfate	saturation	R
chloroethylene		N	.Margarine		R
chlorohydrin		N	mayonnaise		R
ethylene dichloride		N	meat		R
ethylene glycol(anti freezing agent)		LR	mercuric chloride	saturation	R
ferric chloride	saturation	R	mercury		R
Ferric sulfate		R	Methane	—	R
fish and fish oil		R	methanol	pure	LR
floor wax		R	methylamine	—	N
formalin	10%	R	ethylene glycol methyl ether	—	N
formic acid	10%(30%)	R(LR)	dichloromethane	—	N
Freon TF		R	ethyl ketene	—	N
Freon (all)		N	methyl methacrylate	—	N
fruit juice and pulp		R	milk	—	R
gasoline		N	mineral oil	—	R
gear oil		R	engine oil(most)	—	LR OR R
glazing putty		R	mustard	—	R
glucose		R	naphtha	—	N
glycerol		R	nickel sulfate	—	R

glycerin		R	nitrate	<u>20</u>	R
ethylene glycol		R	nitrobenzene	—	N
glutaraldehyde	50%	R	nitro propane	—	N
automotive grease		R	nitrous oxide	—	N
heptanes		R	nutmeg	—	N
hexane		R	oleic acid	—	R
hydrazine		N	Onions	—	R
20 (enrichment) hydrochloric acid		R(N)	oxalic acid	<u>10</u>	R
hydrofluoric acid	20	R	oxygen	—	R
hydrogen peroxide	30	R	ozone	—	N
Hydrogen sulfide		R	Chili	—	R
iodine (water solution)	5	R	paraffin wax	—	R
iodine		N	pentane	—	R
printing ink		R	pepper	—	R
isoamyl alcohol		LR	perchlorate	—	R(LR)
isopropyl alcohol		R	perc	—	N
acetaldehyde		N	butane	—	R
acetic acid	10	R	butter	—	R
acetic acid	25(concentrated)	LR(N)	butyl acetate	—	N
acetone		N	butanol	—	R
acetylene		R	butanediol	—	R
acrylonitrile		N	butyric acid	—	N
Ajax cleaner		R	calcium chloride	<u>saturation</u>	R
more sweet fruit powder		N	calcium hypochlorate	—	R
allyl alcohol		LR	calcium nitrate	—	R
ammonium aluminum sulfate		R	calcium soap with fat	—	R
alumina	<u>saturation</u>	R	camphor oil	—	N
aluminum oxalate		R	phenol	—	N
aluminum sulfate	<u>saturation</u>	R	sulfite carbon	—	N
Ammonia gas		N	carbon dioxide(wet)	—	R
Ammonia liquor		N	carbon disulfide	—	N
ammonium carbonate		LR	carbon monoxide	—	R
ammonium chloride		R	carbon tetrachloride	—	N
benzoic acid		N	cresol	—	N
benzyl alcohol		N	Copper chloride	<u>saturation</u>	R
aquatic-beta iodine		R	Cuprous chloride	<u>saturation</u>	R
sodium hypochlorite		R	Ring has amine	—	R
Blood and plasma		R	Ring of ethanol	—	LR
borax		R	Ring ethyl ketone	—	N

boric acid		R	Dichloro diphenyl	—	R
			cross-linked with b		
brake fluid		N	decalin	—	R
Br		N	cleaner	—	LR or R
<u>bromobenzene</u>		N	ammonium fluoride	—	N
<u>petroleum</u>		LR	ammonium hydroxide	—	N
petroleum ether		LR	ammonium nitrate	—	R
petroleum(refine)		R	ammonium sulfate	<u>saturation</u>	R
<u>phenol</u>		N	ammonium bisulfide	—	N
phosphoric acid	10	R	amyl acetate	—	N
Phosphorus oxychloride		R	phenylamine	—	N
Five oxidation of phosphorus	25	LR	benzaldehyde	—	N
three oxidation of phosphorus		N	benzene	—	N
Polyethylene		R	potassium hydroxide	—	N
Polyethylene glycol		R	sodium hydroxide	—	N
Potassium acetate		LR	Chlorine gas (moisture)	—	N
potash dichromate	saturation	R	chlorobenzene	—	N
Potassium bromated		R	chloroform	—	N
Potassium chloride	saturation	R	clove	—	N
Potassium cyanide		N	antimony butter	saturation	R
Potassium hydroxide		N	amyl alcohol	—	LR
Potassium metabisulfite	4	R	arsenic acid	<u>20</u>	R
Potassium nitrate	saturation	R	Gasoline wax	—	LR
Potassium perchlorate	10	R	Baby lotion	—	R
Potassium permanganate	10	R	animal fat	—	R
High potassium sulphate	10	R	barium chloride	—	R
Potassium thiocyanate	saturation	R	battery acid	—	R
Potassium sulfate	saturation	R	beer	—	R
propane		R	Beet soup	—	R
Propargyl alcohol		R	castor oil	—	R
Propionic acid	20	R	ketchup	—	R
Propionic acid	<u>concentration</u>	N	Chocolate	—	R
Propyl alcohol		R	Cola	—	LR
pyridine		N	Coffee	—	LR
Salad oil		R	Chlorine gas (drying)	—	LR
salt		R	alums	saturation	R
fluosilicate	30	R	chromic acid	<u>20</u>	R
Silicon grease		R	cinnamon	—	R
Silicone oil		R	citric acid	<u>10</u>	R

Silver nitrate		R	fish liver oil	—	R
soap		R	Cooking oil	—	R
Sodium bicarbonate	saturation	R	copper sulfate	saturation	R

Sodium bisulfate	saturation	R	Sodium chromate		R
Sodium sulfite	saturation	R	Sodium hydroxide		N
Sodium carbonate	saturation	R	Sodium hypochlorite	5%chlorine	N
Sodium chlorate		R	Sodium nitrate		N
Sodium chloride	saturation	R	Sodium sulfate	saturation	R

Notes:

R--Resistant (Can be used frequently)

LR--Limited Resistant ( Occasionally use)

N--No Resistant (Prohibition of use)

## 2. Important reminders

- Do not clean Polyshine polycarbonate sheet with any cleaners other than those on the approved, compatible list included in this guide, or those tested and found compatible.
- Do not use abrasive cleaners.
- Do not use high alkaline cleaners (high pH or ammoniated).
- Do not leave cleaners sitting on Polyshine polycarbonate sheet for periods of time; rinse off immediately.
- Do not apply cleaners under direct sunlight or at elevated temperatures.
- Do not use scrapers, squeegees, razors or other sharp instruments as they may permanently scratch Polyshine polycarbonate sheet.
- Do not dry rub or dry clean Polyshine polycarbonate sheet, as sand and dust particles clinging to the exterior of the glazing may scratch its surface. An Anti-Static Canned-Air Ionizer can reduce electrostatic charge buildup on Polyshine polycarbonate sheet, and aids in reducing dirt and dust buildup that can hinder cleaning.

## 3. Recommended cleaning products-compatible list

Top Job

Household soap

Joy®

Palmolive Liquid®

VM&P grade Naphtha

Freon T.F.

Windex® Ammonia free

- You can gently wash the sheets with a solution of mild soap and lukewarm water.



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- Using a soft, grid-free cloth or sponge to loosen any dirt or grime.
- Then rinse with clean water to remove residue.
- Dry the polycarbonate sheet with a soft cloth

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