

# ProGuard Safety Coating Interaction with chemicals

<u>Will damage Polycarbonate</u>	<u>Require caution</u>	<u>Are considered safe</u>
Acetone	Alkali bleaches such as	Acetic acid
Acrylonitrile	sodium hypochlorite	Ammonium chloride
Ammonia	Cyclohexanone	Antimony trichloride
Amyl acetate	Diesel oil	Borax in H <sub>2</sub> O
Benzene	Formic acid	Butane
Bromine	Gasoline	Calcium chloride
Butyl acetate	Glycerine	Calcium hypochlorite
Sodium hydroxide	Heating oil	Carbon dioxide
Chlorine	Jet fuel	Carbon monoxide
Chloroform	Concentrated perchloric acid	Citric acid 10%
Dimethylformamide	Sulfur dioxide	Copper(II) sulfate
Concentrated	Turpentine	Ethyl alcohol, i.e.
hydrochloric acid		ethanol 95%
Concentrated		Ethylene glycol
hydrofluoric acid		Formaldehyde 10%
Iodine		Hydrochloric acid 20%
Methanol		Hydrofluoric acid 5%
Methyl ethyl ketone		Isopropyl alcohol
Styrene		Mercury
Tetrachloroethylene		Methane
Toluene		Oxygen
Concentrated sulfuric		Ozone
acid		Sulfur
Xylene		Urea
Cyanoacrylate monomers		Water*

\* At room temperature. At temperatures above 60 °C hydrolysis is more present, degrading the plastic. Degradation depends on time and temperature.

Using [sodium hypochlorite](#) (chlorine) ([bleach](#)) and other alkali cleaners on polycarbonate is not recommended.