

RESISTANCE TO CHEMICAL agents

RXacryl - ACRYLATE SHEETS - castPMMA

Legend: NA: not attacked - AL: lightly attacked - AF: strongly attacked

>> ACIDS

PRODUCT	%	
Acetic Acid	10	NA
Acetic Acid	100	AF
Butyric Acid	concentrated	AF
Citric Acid	saturated	NA
Hydrochloric Acid	10	NA
Hydrochloric Acid	concentrated	NA
Chromic Acid	10	NA
Chromic Acid	saturated	AF
Hydrofluoric Acid		AF
Formic Acid	10	NA
Formic Acid	concentrated	AF

PRODUCT	%	
Phosphoric Acid	10	NA
Phosphoric Acid	95	AF
Lactic Acid	20	NA
Nitric Acid	10	NA
Nitric Acid	concentrated	AF
Oxalic Acid	saturated	NA
Paracetic Acid		AF
Sulfuric Acid	10	NA
Sulfuric Acid	30	AL
Sulfuric Acid	90	AF
Tartaric Acid	saturated	NA

>> ALCOHOLS

PRODUCT	%	
Amyl Alcohol	pure	AF
Benzyl Alcohol	pure	AF
Butanol	pure	AF
Ethanol	30	AL
Ethanol Slight contact	10	NA
Anhydrous alcohol	pure	AF

PRODUCT	%	
Methyl Alcohol	10	NA
Methyl Alcohol	50	AL
Methyl Alcohol	pure	AF
Propyl Alcohol	10	AI
Propyl Alcohol	50	AF

>> BASES

PRODUCT	%	
Sodium Carbonate	saturated	NA
Potassium Carbonate	10	NA
Potassium Carbonate	50	AF

PRODUCT	%	
Soda Ash	10	NA
Soda Ash	50	AF

>> GASES

PRODUCT	%	
Acetylene		NA
Sulphur Dioxide		NA
Sulphuric anhydride		AF
Butane		NA
Carbonic gas		NA

PRODUCT	%	
Town Gas		NA
Hydrogen		NA
Oxygen		NA
Ozone		NA
Propane		NA

This information is, to the best of our knowledge, accurate and reliable to the date indicated. The above mentioned data have been obtained by tests we consider as reliable. We don't assure that the same results can be obtained in other laboratories, using different conditions by the preparation and evaluation of the samples.

>> OILS AND FATS

PRODUCT	%	
Coconut oil		NA
Lockhead oil		AF
Mineral oils		NA
Butyl Stearate		NA

PRODUCT	%	
Lanolin		NA
Sodium oleate		NA
Paraffin		NA

>> FOOD PRODUCTS

PRODUCT	%	
Vinegar		NA
Milk		NA
Olive Oil		NA

PRODUCT	%	
Fruit Juice		NA
Wine		NA

>> PHENOLS

PRODUCT	%	
Cresol		AF
Phenol		AF

PRODUCT	%	
Metacresol		AF

>> DISINFECTANT AND CLEANING PRODUCTS

PRODUCT	%	
Peroxide 40 volumes		NA
Peroxide 90 volumes		AF
Ammonia	concentrated	AF
Ammonia Liquid density 0,88		NA
Formalin	40	NA

PRODUCT	%	
Bleach	10th chlorine	NA
Bleach	48th chlorine	AF
Merbromin		NA
Tincture of Iodine		AF

>> MINERAL SALTS AND SOLUTIONS

PRODUCT	%	
Chlorine water	2	NA
Sea Water		AF
Aluminium in saturated liquid	saturated	AF
Potassium Di-Chromate	10	NA
Sodium Bisulfate	10	NA
Ammonium Chloride	saturated	
Ferrous Sulfate		
Mercuric Chloride	10	

PRODUCT	%	
Sodium Chloride		NA
Calcium Hypochlorite		NA
Sodium Metaphosphate		NA
Potassium Di-Chromate	10	NA
Ammonium Nitrate		NA
Iron Perchloride		AL
Permanganate	10	NA
Cupric Sulfate		AF

>> SOLVENTS AND SUNDRY

PRODUCT	%	
Butyl Acetate		AF
Ethyl Acetate		AF
Acetone		AF
Turpentine 3% aromatic		NA
Acetaldehyde	10	AF
Benzaldehyde		AF
Acetic Anhydride		AL
Aniline		AF
Benzene		AF
Normal Petrol		AL
Cyclohexane		AF
Chloroform		AF
Ethylene Chloride		AF
Methylene Chloride		AF
Ethylene Chloride		AF
Diethylene Glycol		NA
Dioxane		NA
Ether		AF
Ethyl Amine		AF
Ethylene Glycol		NA

PRODUCT	%	
Freon		AF
Butyl Phthalate		AL
Nonyl Phthalate		AL
Octyle Phthalate		AL
Diesel Fuel		AL
Superfuel Octane 100 Index		AL
Glycerol		NA
Mercury		NA
Methyl Ethyl Acetone		AF
Naphthalene		AL
Perchloroethylene		AF
Pyralene		AF
Ethylene Sulfate		AF
Carbon Sulfate		AF
Turpentine		NA
Toluene		AF
Trichloroethane		AF
Trichloroethylene		AF
Tricresyl Phosphate		AF
Xylene		AF