LION CHEMTECH Co., Ltd.

41-5, MOONPYONG-DONG, DAEDUK-GU, DAEJEON, KOREA

□ **TEL : 82-42-930-3335**　□ **FAX : 82-42-930-3333**　□ **WEBSITE :** www.lctkorea.com

Quality Certificate

Date :　2017. 01. 20.

● **Chemical resistance**

Test Item	Result	Test Method
Toothpaste	Rating 5	
Hand cream	Rating 5	
Urine	Rating 5	
Alcoholic beverages	Rating 5	
Natural fruit and vegetavble juices	Rating 5	
Lemonade and fruit drinks	Rating 5	
Meats and sausages	Rating 5	
Animal and vegetable fats and oils	Rating 5	
Water	Rating 5	
Yeast suspension in water	Rating 5	
Salt solutions	Rating 5	
Mustard	Rating 5	
soap solutions	Rating 5	
Cleaning Solution 23% dodecylbenzene sulfonate 10% alkylaryl polyglycol ether 67% water	Rating 5	ISO 19712-2 Procedure A
Phenol and chloramin-T disinfectants	Rating 4	
Citric acid 10%	Rating 5	
Coffee	Rating 5	
Black tea	Rating 5	
Milk	Rating 5	
Cola beverages	Rating 5	
Wine vinegar	Rating 5	
Alkaline-based cleaning agent diluted to 10% concentration with water	Rating 5	
Hydrogen peroxide (3% solution)	Rating 5	

Ammonia (10% solution)	Rating 5	
Lipstick	Rating 5	
Water colours	Rating 5	
Laundry marking inks	Rating 3	
Ball point inks	Rating 3	
Sodium hydroxide (25% solution)	Rating 5	
Hydrogen peroxide (30% solution)	Rating 5	
Acetone	Rating 3	
Trichlorethane	Rating 4	
Other organic solvents	Rating 5	
Concentrated vinegar (30% acetic acid)	Rating 4	ISO 19712-2 Procedure A
Bleaching agents and sanitary cleaners	Rating 4	
Hydrochloric acid based cleaning agernts (≤3% HCI)	Rating 5	
Acid-based metal cleaners	Rating 4	
Mercurochrome	Rating 5	
Shoe polish	Rating 5	
Hair colouring and bleaching agents	Rating 4	
Trincture of iodine	Rating 5	
Boric acid	Rating 5	
Lacquers and adhesives	Rating 5	
Amidosulfonic acid descaling agents (<10% solution)	Rating 4	
Nail varnish	Rating 3	
Nail varnish remover	Rating 3	
Stain or paint remover based on organic solvernts	Rating 4	
Citric acid (10% solution)	Rating 4	ISO 19712-2 Procedure B
Acetic acid (5% solution)	Rating 4	

Rating 5: No visible change

Rating 4: Slight change in gloss and/or colour, only visible at certain viewing angles

Rating 3: Moderate change in gloss and/or colour

Rating 2: Marked change in gloss and/or colour

Rating 1: Surface distortion and/or blistering

I certify the above product qualities are true and correct.

LION CHEMTECH CO., LTD
41-5, MOONPYUONG-DONG, DAEDUK, -GU,
DAEJEON, KOREA
The Director Of Laboratory *Ki Seop. Choi*

Ki Seop, Choi / Director
Lion Chemtech Co., Ltd.