# SUMICEFINE

# **Hydrophilic Coating Solution**

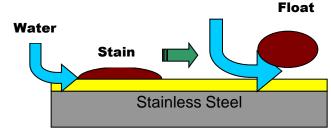
## for Easy Cleaning

### Hydrophilic Coating Solution for Stainless Steel Products

#### **Features**

- ①Enable to remove various oily stains on stainless steels using WATER.
- ②Enable to avoid color change of stainless steels at high temperature.
- ③Excellent scratching resistance. Pencil hardness is 9H.
- 4 Long durability. Over 10 years reliability for kitchen sink.
- (5) Hydrophilic films with high transparency. Only 0.5um!

### Mechanism for removing stains

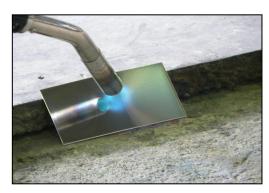


Hydrophilic Coating

Durability for various liquids

Durability for various liquids				
	Test Method	Result	Test Method	Result
	Tap water at 98C	No change after 4 weeks	Distiled water at 40C	No change after 4 weeks
	5% NaOH at RT	No change after 4 weeks	Saturated NaCl at RT	No change after 4 weeks
	5% HCI at RT	No change for films.  Color change for stainless steel	C2H5OH at RT	No change after 4 weeks

This coating film shows excellent durability for various liquids.





Evaluation of color changes using burner on plates with and without coatings (left: without coating right: with coating)

