

Specification

Item	Material	Mass density	pH	Flash point (°C)	Coagulate degree	Viscosity point(cps) (25°C)	Volume	Packaging
HI'CLEANER A	Cation-polymer aqueous	1.03-1.04 (25°C)	1.6	non	0°C	16	18kg	oil cans
HI'CLEANER B	Liquid-clay aqueous	1.10 (25°C)	8.1~10.5	non	0°C	400~1,500	18kg	oil cans
HI'CLEANER C	Clay dispersion aqueous with polymer	1.10 (25°C)	8.5~10.5	non	0°C	400~1,500	18kg	oil cans
HI'CLEANER E X	Montmorillonite dispersion aqueous with polymer	1.10 (25°C)	10.0~12.0	non	0°C	150~400	18kg	oil-cans
HI'CLEANER P	Alkaline queous of Zinc oxide	1.35-1.45 (25°C)	12.0	non	-15°C	10	20kg	oil cans
HI'CLEANER G	Polymer aqueous	1.08 (25°C)	4.0	non	-9°C	4,000	18kg	oil cans
HI'CLEANER POWDER	Mixed powder of inorganic and organic	0.9 over (25°C)	—	non	—	—	20kg	cardboard

※ For further details, please refer to our MSDS sheet.

※ HI'CLEANER-B is a few different colors by production lot. But, quality and performance is quite same. Do not worry please.

※ We are available any kinds paint. We are doing to our labo-testing, will recommend you to choice of best HI'CLEANER.

Please send us of your using all paint about 200c.c each kind.

How to use HI'CLEANER

Making the base condition

- First of all, each HI'CLEANER of pre-testing quantities charges into booth water.
- It makes the pH value 8-9 by HI'CLEANER P.
- Charges of HI'CLEANER are available un-change dirty booth water, but, best condition is all new water when HI'CLEANER is throw inn.
- When charges of HI'CLEANER G, it throw little by little after running of paint booth.

Supply work after making the base condition

HI'CLEANER charge quantity is approximately 8-12% for overspray paint. (Total volume of each HI'CLEANER)

Finally work makes the pH value 8-9 by HI'CLEANER P.

Daily Management of HI'CLEANER and Paint Booth

- Starting of paint booth and after circulate of booth water, each HI'CLEANER throw into booth water separately.
- After the paint works, floating scum must eliminate by gauze net etc.
- Quantity of HI'CLEANER throw inn, it must adjust the condition of scum and or paint spraying.
- Please contact us for automatic scum collecting system and or automatic HI'CLEANER feeding systems.

(Sales Agent)

(Manufacturer) **TAKATEC Corporation**

〒370-0861

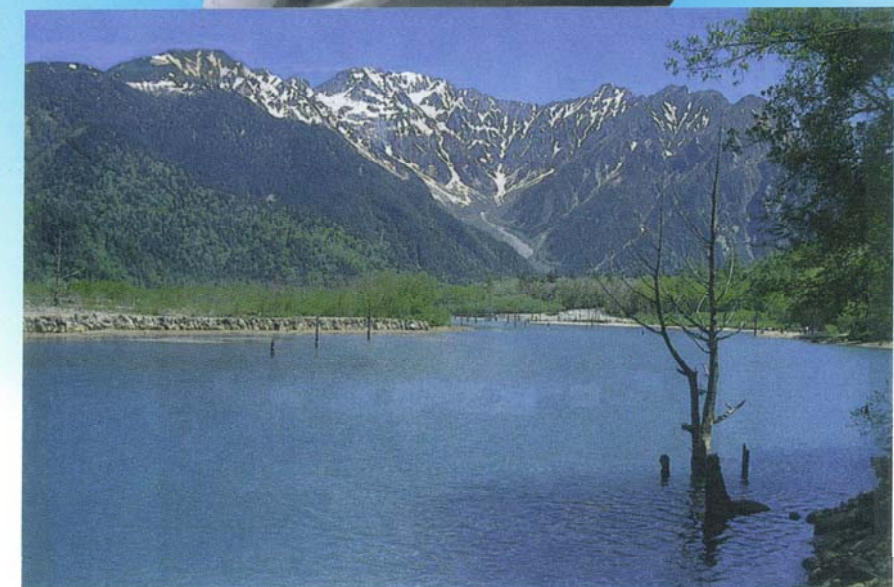
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Paint-mist Treatment

HI'CLEANER®



TAKATEC Corporation

Paint-mist Treatment

HI'CLEANER[®] Series

HI'CLEANER

A

NET: 18kg

FEATURE

Adhesion of Paint-mist make by film (polyamine) encapsulation, also, the viscosity makes a dry form. In addition, also used as additives of HI'CLEANER-EX.

HI'CLEANER

B

NET: 18kg

Adhesion of Paint-mist make by clay encapsulation, also, the viscosity makes a dry form.

HI'CLEANER

C

NET: 18kg

HI'CLEANER-C has both qualities combines HI-CLEANER-A and B, and especially suitable for UV (Ultra-Violet) paint-mist.

HI'CLEANER

EX

NET: 18kg

HI'CLEANER-EX is our new development product. HI'CLEANER-EX has characteristics HI'CLEANER-B plus HI'CLEANER-G, and HI'CLEANER-EX never need of HY'CLEANER-P. Also, this has suitable for UV pant-mist.

HI'CLEANER

P

NET: 20kg

HI'CLEANER-P make from acidic to alkalic such as booth circulating water with HI'CLEANER-A. It make a stable to pull the effectiveness the paint-mist treatment.

HI'CLEANER

G

NET: 18kg

The effect of special cohesion of dry scum paint-mist and improve dehydration.

HI'CLEANER

POWDER

NET: 20kg

This is developed for water-based-paint, make a separate the paint and water with flocculation. And can exercise the performance as a coagulant of the paint solvent for the water tank booth.

Why using the HI'CLEANER

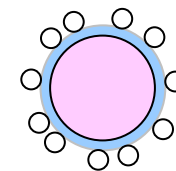
The wet water booth has always trouble with bad smell and spray mist disposal. Many other manufacturers are selling various types of spray mist treatment. And it's almost called the all-purpose type. But it has many problems by how to use/design of products. The most important is understanding the characteristics of spray mist treatment, facilities equipment and using paint characteristic. It's possible to take the following solution.

- **Any type of paint becomes possible the effect of anti-adherence.**
Water-based paints (subject of emulsion, hydrophilic)/solvent paint/UV paint, exercise to effective. It can be processed when the paint is mixed.
- **It expands to select how to collect paint sludge such as dispersion, surfacing, and sedimentation.**
It can collect manually and or automatic easily.
- **It make reduce the incidence of bad smell from booth circulation water. And keep the clean water.**
It changes to non-adhesive paint sludge. And, off the stagnant of paint scum, and reduce to incidence of anaerobic bacteria. It comes to effective for the stench.
- **It can inhibit the increase to electrical conductivity of booth circulation water.**
A generation and accumulation for material's, electrical conductivity increase are keeping minimize. And it make delayed the progression of the metal corrosion.
- **Booth circulation water will be able to reduce when disposal of waste water.**
Collection of paint sludge is easily and decreases the density of SS. And reduce the waste water disposal.
- **Total cost of care expenses/chemical costs/disposal costs/equipment repair costs, will be most reduce.**
Reducing the cost for booth/cleanup work/waste disposal/booth repair fee.

The principle of Anti-adhesion

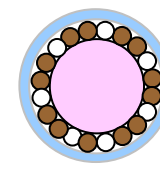
○ = Spray-mist ○ = Polymer ● = Clay ○ = Micro-air

Case - 1



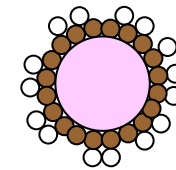
The surface of Spray-mist surrounding by polymer and more to adhere with micro-air, it come to float to water-surface by the pretension density is light.

Case - 3



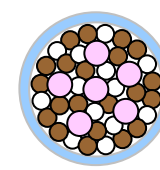
The surface of Spray-mist surrounding by clay and micro-mist. It's surface surrounding more to adhere the polymer, it come to float to water-surface by the pretension density is light.

Case - 2



The surface of Spray-mist surrounding by clay and more to adhere the micro-air, it come to float to water-surface by the pretension density is light.

Case - 4



Spray-mist grows together with micro-air and clay in the process of cohesion. And then, polymer make the surface surrounding, it come to float to water-surface by the pretension density is light.