## Super-Hydrophobic & Oleophobic Liquid Coating



INDUSTRIAL STRENGTH INDUSTRIAL USE ONLY

Kim Technology & Systems Engineering Pte Ltd

# Anti-Wetting

Ultra-Ever Dry Surface Protection uses proprietary <u>nanotechnology</u> to coat an object and create a barrier of air on its surface.



Ultra-Ever Dry an industrial waterproofing coating that it

- Easily repels most <u>water</u>
  <u>based</u> and <u>some oil based</u>
  liquids;
- Maintain and not be spoiled by dirt, water stains and oil;
- Keeps objects dry & clean;
- <u>Expands</u> the product life;
- Reduce liquid loss in transmission and adhere to transfer tools;
- Protects a variety of materials, such as <u>metals</u>, <u>steel</u>, <u>plastics</u>, <u>stone</u>, <u>woods</u>, <u>fabric</u>, <u>fiberglass</u> <u>paper</u>, <u>and etc</u>.

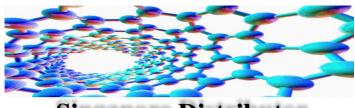


Ultra-Ever Dry creates a solid/liquid <u>contact angle of</u> <u>160-175 degree</u>. It repels dirty water and some oils, and remains clean and virtually bacteria-free. When dust, dirt or other molecules accumulate on a superhydrophobic coated surface, a light spray of water or a blast of air grabs the dust and removes it.

70°	<b>90</b> °	110	
steel	waxed car	car windshield anti-rain treatment	ULTRA EVER-DRY

- Reduce the amount of cleaning required;
- Decrease labor costs & extend a material's durability;
- Save time in cleaning;
- Lower energy costs;
- Less use of cleaning detergents and expected to be the primary environmental benefits.





#### **Singapore Distributor**

#### KIM TECHNOLOGY & SYSTEMS ENGINEERING PTE LTD

No.2 Serangoon North Avenue 5, #08-01, Singapore 554911

Contact Person: Freeda Zhou Contact No: +65 6289 1624 Email: freeda@impetusengrg.com

#### Please Call Us for Purchase & a Trial Demostration!



# Anti-Corrosion

Ultra-Ever Dry offers <u>enhanced corrosion</u> <u>protection</u> since the <u>Superhydrophobic</u> <u>coating</u> repels water, saltwater, aqueous acids and bases.

The surface protection:

- Easily to use in application;
- Coats nuts, bolts, equipment, motors to prevent corrosion;
- Saves money;
- Avoid some accidents happen and improves safety;

TICT



### Anti-Contamination



Due to Ultra-Ever Dry superhydrophobic coating, water and other liquids that contain bacteria or radiation never contact the surface of the coated material.



Thus, bacteria and radiation is greatly diminished or eliminated, and the surface is easy to decontaminate.

Dust and dirt are easily removed with low pressure water; and a cleaner work environment is created.

