



KATS 5010 In-Transit Coating PD 89-20-02D

Product Information Sheet

Product Description

An environmentally friendly product of the KATS 5000 series designed to temporarily protect vehicle finishes, machinery, and parts against damage.

Advantages

KATS 5010 is an environmentally friendly, modified plastic technology that provides a high level of temporary scratch protection during assembly with easy water removability, closed film coating.

Physical Properties and Technical Data

Finish----- Glossy, Transparent

Color (Virgin Product)----- Slightly Milky

Wet Film Thickness ----- 1.8 - 3.6 mil (45.7 - 91.4 microns)

Dry Film Thickness ----- 0.2 - 0.4 mil (5.1 - 10.2 microns)

pH----- 9.5 - 10.5

Density ----- 8.25 - 8.35 lb/gal

Viscosity (Brookfield Spindle #1 @ 60 rpm @ 72°F) -- 250 - 500 cps

Solids, % ----- 10.0 - 13.0 (ASTM D-2369)

VOC Content (lb./gal.)----- 0

Flash Point ----- Not Applicable

Freeze/Thaw Stability ----- 3 - 5 Cycles (ASTM D-2243)

Gravelometer (GM 9508P)----- 80% Protection over Unprotected

Scratch Resistance----- 100% Protection

Product Shelf Life ----- 1 year stored at 45° - 85°F (7° - 29°C)

Packaging

<u>Container</u>	<u>Volume in Gallons</u>	<u>Volume in Liters</u>
Tote	260	984.1
Drum	55	208.2
Pail	5	18.9

Store containers at a temperature between 45° - 95°F (7° - 35°C). DO NOT FREEZE.

- Attributes**
- Water removable clear temporary in-plant transit coating.
 - Significant improvement in gravelometer over non-coated surface.
 - Excellent removability with high pressured water.
 - Excellent scratch resistance.
 - Non-offensive odor and user friendly.

Application Considerations:

KATS 5010 can be applied over:
Painted Surfaces, Glass, Chrome, Plastics, & Aluminum

Surface Preparation:
Clean and Dry, Uncontaminated

Environmental Conditions for Application:
 Ambient Temperature-----45°F (7°C)
 Surface Temperature ----- 77° - 95°F (25° - 35°C)
 Atmosphere-----50% relative humidity or less

Recommended Safety Equipment:
Wear dust mask and other proper gear. (Refer to Material Safety Data Sheet for more information.)

Application Method:
 Roller
 Spray Gun -----Conventional or HVLP
 Air Pressure -----30 - 60 psi
 Dry Time
 Assisted..... 1 - 3 min
 Unassisted at 77°F (25°C) 15 - 20 min
 Typical Coverage 440 - 880 ft²/gal (10.8 - 21.6 m²/l)

Removal Method:
 Touchless Use warm water at high pressure (1000 - 2000 psi)
 Manual With warm water and a clean cotton mitt, lightly agitate coated surface.

Use only PVC or stainless steel (300 series) piping, fittings and suction tubes. Iron piping may cause rust contamination in coating.

Information

For more technical information or to place an order, please call:
 800-699-6318 or 972-771-1000

The above data is subject to usual manufacturing variations.

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