

[TECHNICAL BULLETIN]

ENVIRONMENTALLY FRIENDLY CLEANING SOLUTIONS

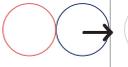
ASTEC'S WATER-BASED CLEANING FORMULATION

Enviro-Clean



PRODUCT TYPE

Astec Paints Australasia Enviro-Clean.



PRODUCT DESCRIPTION

Astec Paints Australasia Enviro-Clean is a water-based formulation designed to clean wax, grease, oil, silicone, automotive exhaust build up and general dirt off most painted and unpainted surfaces. When used in accordance with the instructions Enviro-Clean will remove most contaminants from external or internal surfaces without the use of environmentally damaging solvent, acid or alkali based cleaning solutions. The unique combination of active ingredients emulsifies non-soluble contamination while dissolving water-soluble matter.

Enviro-Clean is a water-based formulation that eliminates the environmental, health, disposal and waste issues associated with traditional cleaning systems.

Enviro-Clean has been designed in response to the move to environmentally friendly and sustainable solutions for the global market. The low VOC component coupled with the non-toxic specialty detergents and emulsifiers have combined to effectively create a powerful yet relatively inert cleaning solution.

Environmental advantages of water-based products include:

- minimal disposal problems;
- reduction in regulatory licence requirements;
- reduction in occupational exposure to toxic or damaging chemicals;
- minimal atmospheric solvent loading due to evaporation (greenhouse gas); and
- cost effective.



FEATURES, ADVANTAGES AND BENEFITS

- Water based formulation;
- Environmentally safe;
- Minimal odour;
- Variety of application methods (spray, wipe, impregnated cloth etc);
- Safe to use;
- No personnel protective equipment required;
- Easy to apply;
- Will not effect undercoats or primers;
- Applicable to enamel, two pack and most other common surfaces or finishes;
- Will not effect the overall finish or durability of the finished coating;
- Cost effective;
- Time efficient;
- Proven formula; and
- Can be adapted to other applications such as automotive, aeronautical, household, and marine.

DESCRIPTION / USE

Enviro-Clean is predominantly water based and will not impact the environment like solvent-based products. It has been designed to conform to stringent environmental criteria. Our underlying principal has been to design a product that minimises waste by use of Cleaner Production Principals.

Cleaner Production means minimising production of waste and maximising manufacturing efficiency and product quality. The introduction of Cleaner Production philosophies is an on-going commitment to responsible environmental stewardship, which results in positive payback through greater manufacturing efficiency, higher product quality and minimal waste disposal costs.

Note that Enviro-Clean is a cleaning system. The normal preparation necessary for recoating of surfaces is not by-passed by the use of Enviro-Clean.

The system is an excellent cleaning solution used to remove environmental contaminants such as exhaust fumes and water stains on buildings, oil and grease and silicones.

RECOMMENDED DIRECTIONS FOR USE

Shake Contents Well. Apply Wet on Surface with Clean Cloth, Spray Pump or mild pressure wash. Use directly from container and wet the area to be cleaned with Enviro-Clean. Work on small areas only, starting at the top of the area and working down keeping the surface wet. Rinse each completed section with clean water. Do not allow the product to dryout on the work.

For problem areas and to ensure complete removal of contamination, repeat the procedure two or three times. Alternatively allow the contaminated area to soak for 1 to 2 minutes then pressure wash or scrub the surface with a hard bristled brush.

Can be applied directly to unpainted steel surfaces before undercoating, but must be dried thoroughly to ensure rust does not occur. Can be used on most industrial coated surfaces, plastic and fibreglass.

DRYING PERFORMANCE

Under the conditions of application specified above Enviro-Clean will dry under 5 minutes at 25°C.

PRODUCT DATA

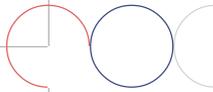
COLOUR
Clear.

COVERAGE RATES
5 to 8 square meters depending on substrate.

DRYING TIME
5 minutes at 25°C.

THINNING / DILUTION
Thinning or Dilution is not recommended.





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Your nearest Astec Paints distributor is:

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Astec Paints Resellers;

Australia Wide

For a complete list of resellers,
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of our website:

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