ABS-Clean-501

DESCRIPTION

ABS-Clean-501 is a special acidic liquid cleaner intended for removing hardened cementitious residues from suitable plastic molds and plastic-based molding components. It is intended for mold cleaning in the casting and shaping of concrete paving units and cement-based geometric products.

PRODUCT TYPE

Water-based acidic immersion cleaner for compatible plastic molds and accessories.

SCOPE OF APPLICATION

For plastic molds and plastic derivatives used in multiple casting and modeling applications, including concrete pavers, cement-based shapes and other molded cementitious products. Removes adhered hardened cement-based deposits. Verify compatibility with each plastic grade before use.

DIRECTIONS FOR USE

- Fully dip or immerse the parts to be cleaned in ABS-Clean-501, keeping the hardened deposits submerged.
- For deposits with an overall dimension of up to **5 mm**, immerse for **60-120 minutes**.
- For deposits exceeding **5 mm**, immerse for **120-180 minutes**.
- After soaking, remove the parts, check the deposits, rinse thoroughly with clean water and allow to dry.

ADVANTAGES

- Immersion-based removal of hardened cementitious deposits from suitable molds.
- Supports cleaning of reusable plastic molds, subject to compatibility testing.

PACKAGING 200 L HDPE drum | 1,000 L acid-compatible IBC

TECHNICAL DATA

Product name	ABS-Clean-501
Chemical base	Special acidic aqueous cleaning formulation
Physical form	Liquid
pH (as supplied)	1-2
Density at 25 °C	1.08 kg/L (1.08 g/cm³)
Intended substrates	Compatible plastic molds and plastic-derived parts
Target deposits	Hardened cement and cementitious residues
Immersion: deposits up to 5 mm	60-120 minutes
Immersion: deposits over 5 mm	120-180 minutes

APPLICATION PROCEDURE

- 1. Use an acid-resistant immersion tank and check the plastic material for compatibility.
- 2. Completely immerse the parts in the liquid, including all attached cementitious deposits.
- 3. Soak for **60-120 min** when deposits are **5 mm or less**; for larger deposits, soak for **120-180 min**.
- 4. Remove parts; inspect and rinse thoroughly with clean water, then dry before reuse.

STORAGE

- Store tightly closed in acid-resistant containers in a cool, ventilated area.
- Keep away from heat, direct sunlight, alkalis, bleach and reactive metals.

The values above describe the product as supplied.

SAFETY AND PRODUCT INFORMATION

IMPORTANT SAFETY INFORMATION

- ABS-Clean-501 is a special acidic cleaner (pH 1-2). Handle as potentially corrosive and follow its Safety Data Sheet (SDS).
- Use acid-resistant gloves, chemical splash goggles, suitable protective clothing, and any respiratory protection required by the SDS and exposure assessment.
- Avoid skin and eye contact. For splashes, immediately rinse with plenty of clean water and seek medical care, particularly after eye exposure.
- Never mix with bleach or hypochlorites: chlorine gas may be released. Contact with some metals can generate flammable hydrogen gas.
- Use in a well-ventilated area with an acid-compatible immersion tank. Keep away from children and food. Prevent uncontrolled discharge and dispose of spent liquid as required locally.

TECHNICAL AND LEGAL NOTES

This technical data sheet provides general guidance for the intended use of ABS-Clean-501. Cleaning effectiveness depends on the cementitious deposit thickness and composition, curing, immersion conditions and the plastic material.

The stated immersion times are **60-120 minutes** for deposits up to **5 mm** in overall size and **120-180 minutes** for deposits exceeding **5 mm**. These ranges do not establish compatibility with every plastic formulation.

Test on a representative plastic part before full application, especially where seals, coatings, adhesives or metal inserts are present. Rinse cleaned parts thoroughly after dipping. Follow the product label, SDS and local waste-disposal rules.