PIF 01681

PC-450

PRESS WASH & SCREEN IMAGE OPENER

WORKS ON **8** INK TYPES · PLASTISOL TO UV

Use as supplied | Solvent blend | Slight citrus odor

Textile Printing | Graphics Printing | Manual

DESCRIPTION

PC-450 is a powerful, fast-acting press wash and screen image opener for press-side wash-up, on-press color changes, equipment clean-up, adhesive removal and screen reclaim prep. It works on plastisol, conventional, solvent, UV, vinyl, enamel, epoxy and water-based inks, on textile and graphic screens. PC-450 also removes vinyl adhesive and leaves no residue behind.

ADVANTAGES

Works on Graphic & Textile Inks
Plastisol, UV, solvent, water-based, epoxy, vinyl

Removes Vinyl Adhesive
Also cleans equipment and lifts adhesive

Emulsion & Mesh Safe
Opens images on press without harming the stencil

No Residue
High solvency; wipes clean so printing can resume

DIRECTIONS

- Spray or wipe the affected area on the ink side of the screen, as supplied.
- Keep wiping, turning the towel often, until the area is dry.
- Before resuming printing, test print on scrap material to make sure all residue is gone.
- Use before screen reclaim to remove ink from the screen.
- Use in a well-ventilated area away from heat, sparks and flame. Ground and bond containers when transferring from drums or pails.



55 gal drum
01681-D5505



5 gal pail
01681-P5010



1 gal · 4 × 1 gal
B1201 · C4201

COST PER SCREEN

FL OZ PER SCREEN	SCREENS PER GAL	SCREENS PER DRUM	COST PER SCREEN
0.125 fl oz	1,024	56,320	$0.04
0.25 fl oz	512	28,160	$0.07
0.5 fl oz (reference)	256	14,080	$0.14

Reference use: 0.5 fl oz per screen, about 15 trigger sprays at 1 ml per spray, for $0.14 per screen. Cost = fl oz used × $0.29 per fl oz ($36.66/gal, 55 gal drum MSRP, effective July 3, 2026). Actual use varies with screen size and ink load; your distributor price may differ.

AVAILABLE PACK SIZES

ITEM NO.	PACK SIZE	DOT
01681-D5505	55 gal drum	Not regulated
01681-P5010	5 gal pail	Not regulated
01681-C4201	4 × 1 gal	Not regulated
01681-B1201	1 gal bottle	Not regulated

PIF 01681 · TDS rev04 · Issued October 20, 2026 · Supersedes rev03

Read the product label and Safety Data Sheet before use. Orders: 800-752-6627 · sales@kor-chem.com

SCAN FOR SDS
kor-chem.com/sds

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PC-450

WHERE IT FITS IN THE RECLAIM PROCESS

1 INK REMOVAL — PC-450 (this product) › **2 EMULSION REMOVAL** — ER-160 · ER-190 · ER-1-2-5 › **3 STAIN REMOVAL (HAZE)** — GIR-4U Plus · Pink Scrub · Bio-1 › **4 DEGREASE** — DG-520 · ProClean · Bio-1

TYPICAL PRODUCT CHARACTERISTICS

Appearance	Colorless, clear liquid	**Flash point**	104°F (40°C), closed cup
Odor	Slight citrus	**VOC**	85% by weight (about 796 g/L)
pH	Not applicable (solvent)	**Evaporation rate**	<1 (n-butyl acetate = 1)
Specific gravity	0.936	**Solubility in water**	Insoluble
Weight, per U.S. gallon	7.8 lb	**Stability**	Stable

SAFETY & HANDLING

HAZARDS (GHS)

- Flammable liquid and vapor (H226)
- May be fatal if swallowed and enters airways (H304)
- Causes skin irritation (H315)
- May cause an allergic skin reaction (H317)
- May cause drowsiness or dizziness (H336)
- Very toxic to aquatic life with long-lasting effects (H410)

FIRST AID

- **If swallowed:** Immediately call a poison center or doctor. Do NOT induce vomiting (aspiration hazard). Rinse mouth.
- **If on skin or hair:** Remove contaminated clothing immediately. Rinse skin with water; wash with soap and water. Get medical attention if irritation or rash occurs.
- **If inhaled:** Move to fresh air and keep at rest. Call a poison center or doctor if you feel unwell.
- **If in eyes:** Flush with water for at least 15 minutes, holding eyelids open. Remove contact lenses. Get medical attention if irritation persists.

PROTECTIVE EQUIPMENT

- **Eyes:** Safety glasses with side shields or splash-proof goggles; face shield if splashing is possible.
- **Hands & body:** Chemical-resistant (impervious) gloves and boots; apron for large amounts.
- **Breathing:** Use only outdoors or in a well-ventilated area. NIOSH-approved organic vapor respirator if the PEL is exceeded.

STORAGE & DISPOSAL

- **Shelf life:** 1 year minimum at 75°F in the original closed container.
- Keep from freezing.
- **Lot number:** bottom right corner of every label, a Julian date followed by the item number.
- Keep away from heat, flame and sunlight; keep cool. Keep tightly closed in a well-ventilated place, locked up, away from strong oxidizers and acids.
- **Disposal:** Do not dump into sewers, on the ground or into waterways. Dispose of per federal, state and local regulations. Waste may be RCRA D001 (ignitable).

Safety information summarized from the PC-450 Safety Data Sheet. The SDS governs; see it for full precautions.

REGISTRATIONS & COMPLIANCE

GHS signal word	DANGER
VOC	85% by weight (about 796 g/L)
California SCAQMD Rule 1171	Not compliant
California Prop 65	Contains benzene and toluene, listed chemicals
DOT, ground	Combustible liquid: not regulated in containers of 119 gal or less (49 CFR 173.150(f)); UN1993, 3, PG III at 120 gal or more.
Air and vessel	IATA / IMDG: UN1993, 3, PG III

ORDERING & SUPPORT

- **Orders:** 800-752-6627 · sales@kor-chem.com · shop.kor-chem.com
- **SDS:** scan the code below or visit kor-chem.com/sds
- **Find a distributor:** kor-chem.com/distributor-locator
- **Technical service:** our screen printing team can help match PC-450 to your inks and press-side clean-up.
- **Next step:** after printing, clean the screen with a Kor-Chem ink degradent (Bio-1, Bio-4, Bio-11).
- **Equipment:** Kor-Chem also supplies dip tanks, spray guns, scrub pads and InPro TigerClean automatic screen reclaiming systems.
- **Made in Atlanta:** manufactured by Kor-Chem, Inc., Atlanta, Georgia.

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