



Product Bulletin

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HUB-STRIP S

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APPLICATION

HUB-STRIP S is a specially formulated blend of organic solvents utilized in stripping silk screening inks and photosensitive resists from electronic circuitry, chemically milled parts, and etched surfaces. This product is employed for stripping dry film type as well as positive active resists. Under normal conditions, **HUB-STRIP S** will not adversely affect the exposed base metals or substrate.

RECOMMENDED PROCEDURES

HUB-STRIP S is generally utilized in conveyORIZED circuit board stripping equipment for removing silk screening inks or photosensitive resists. Screening inks may also be stripped off by immersing coated parts in the stripper until the ink has been removed. A second dip in clean stripper, as well as some mechanical scrubbing, may be necessary to remove the last traces of screening ink.

Since **HUB-STRIP S** will evaporate on standing, containers and/or baths should be covered when the material is not in use. Plastic anti-fume spheres are particularly effective in reducing evaporation losses from open containers.

ADVANTAGES

Unlike other photoresist strippers, **HUB-STRIP S** has been specifically developed for the purpose of reducing the amount of corrosion normally associated with photoresist equipment.

PROPERTIES

Typical properties of **HUB-STRIP S** are shown in the following table:

Boiling Range, 760 N HG, C	37 – 60 C
Appearance	clear, free of suspended matter
Color (ALPHA)	15 max.
Alkalinity, as NaOH, wt. %	.0025 max.
Specific gravity	1.260 – 1.275
Free Halogenes, acs test	none
Residue on evaporation, wt. %	.0020 max.
Acid acceptance, as NaOH wt. %	.06 min.
pH	8.5 – 9.5
Flash Point	none (TCC)
Odor	ether-like
Threshold limit value	200 PPM by volume in air

HUB-STRIP S

HANDLING AND STORING

Under normal conditions, **HUB-STRIP S** may be stored satisfactorily in galvanized iron, black iron, or steel. Although not required, **HUB-STRIP S** should be stored under pressure. Aluminum and titanium contact is not generally recommended in storage or handling. Store drums in a cool place, bung up and closed tightly. Ventilation should be provided at the floor level.

OTHER PRECAUTIONS

Do not store in pits, depressions and basements, or in unventilated areas.

SPILL OR LEAK PROCEDURES

Leaks should be stopped. Spills should be cleaned up immediately. Large spills should be contained and removed by vacuum truck. Smaller spills may be soaked up with absorbent materials, which should be placed in closed containers, labeled, and stored in a safe place out of doors to await proper disposal. Persons performing this work should wear adequate personal disposal. Persons performing this work should wear adequate personal protective equipment and clothing.

NEUTRALIZING CHEMICALS

None

WASTE DISPOSAL

Dispose of in accordance with all federal, state, and local health and pollution regulations. HUB-STRIP S is normally recovered from residues by distillation. HUB-STRIP S is normally recovered from residues by distillation. Small quantities may be disposed of via an incineration-scrubber system or a licensed waste hauler. If regulations permit, wet absorbent materials may be air dried in a safe, open, unoccupied area.

WARRANTY

THE QUALITY OF THIS PRODUCT IS GUARANTEED ON SHIPMENT FROM OUR PLANT. IF THE USE RECOMMENDATIONS ARE FOLLOWED, DESIRED RESULTS WILL BE OBTAINED. SINCE THE USE OF OUR PRODUCTS IS BEYOND OUR CONTROL, NO GUARANTEE EXPRESSED OR IMPLIED IS MADE AS TO THE EFFECTS OF SUCH USE, OR THE RESULTS TO BE OBTAINED.