

## Ultralane Stripper A/B

Stripper for Urethane Coatings

(Formerly Uralane® 5750 Stripper A/B)

### Typical Properties

(Not for specification purposes. All tests run at 25°C unless otherwise noted)

#### Stripper A-side Properties:

Appearance	Visual	Pale Yellow Liquid
Specific Gravity	ASTM-D-1475	0.86 g/cc
Viscosity	ASTM-D-2393	<20 cP
Shelf life	NO-TEST	12 months
Boiling point		66°C
Flash Point, closed cup	ASTM-D-92	-14°C

#### Stripper B-side Properties:

Appearance	Visual	Colorless
Specific Gravity	ASTM-D-1475	0.90 g/cc
Viscosity	ASTM-D-2393	<50cp
Boiling point		111°C
Flash Point, closed cup	ASTM-D-92	>93°C

#### Mix Ratio:

Parts by weight 100A : 6B

#### Mixed Properties:

Pot life (100 g.mass)	FTM-203	3-5 weeks
Appearance	Visual	Pale Yellow
Specific Gravity	ASTM-D-1475	0.86 g/cc
Viscosity	ASTM-D-2393	<25

**ULTRALANE STRIPPER** is a halogen-free, low viscosity two-component system designed for the chemical removal of urethane coatings such as Arathane 5750-A/B(LV). Ultralane Stripper may be applied for localized or complete removal of most urethane printed circuit board coatings. Ultralane Stripper Part A is a formulated solvent base and Ultralane Stripper Part B is a catalyst that reacts with the base to activate it.

#### Benefits:

- Halogen free
- Low viscosity
- Long work life

#### Suggested Application Methods:

- **Pre-Test**  
**Important:** Laboratory testes indicate that if suggested procedures are followed, there will be little or no adverse effects to printed circuit board or components. However, since each application may be different, we advise testing a representative board.

**Mixing** - Add Part A to Part B. Stir or shake mixture until cloudy solution appears. Allow mixture to stand for 15-30 minutes. Stir or shake again thoroughly. Ultralane Stripper is now activated and ready to use and will remain active for at least 3 weeks at room temperature.

**Local Removal** – Prepare printed circuit board by masking area to remain intact. If possible, dam repair area above component height to prevent wicking of stripper into unwanted areas.

Using an acid resistant brush, apply generous amounts of mixed Ultralane Stripper over components to be repaired. Do not allow stripper to dry. Continue applying stripper until coating begins to swell and separate from the circuit board (approximately 5-10 minutes). Continue to saturate repair area and brush away any loose coating. If necessary, use a blunt tool to remove thick or difficult sections of coating.

After 20 minutes exposure to stripper, remove coatings residue and wash area thoroughly with de-ionized water. Scrape away any loose coating close to or under components which are being replaced. If further removal is necessary, brush on second application and repeat process for an additional 15 minutes.

Remove masking and damming materials. Wash printed circuit board thoroughly with isopropyl alcohol to remove any remaining flux. Dry board for 2 hours at 80°C. Add new components. Use appropriate cleaning procedures to prepare boards for new coating. Apply urethane coating such as Arathane 5750-A/B (LV). Follow recommended coating cure schedule.

**Complete Removal** – Place printed circuit board in container of mixed Ultralane Stripper. Agitation will increase efficiency of stripper. Coating will swell and separate from the components and board. Use a stiff brush periodically to remove loose coating. After 15 minutes, remove and inspect board.

Scrape away remaining coating residue. If further removal is necessary, use second application of Ultralane Stripper.

Wash printed circuit board thoroughly with deionized water and then with isopropyl alcohol. Dry board for 2 hours at 80 °C. Add new components. Use appropriate cleaning procedures to prepare boards for new coating. Apply urethane coating such as Uralane 5750-A/B (LV). Follow recommended coating cure schedule.

#### Storage Guidelines:

Ultralane Stripper base, Part A, is flammable. Ultralane Stripper catalyst, Part B, is a corrosive liquid. Use only explosion proof equipment. Keep away from flame and sparks. Use in well ventilated area. Once mixed, the effectiveness of Ultralane Stripper will decrease with over time. Therefore, only the required amount of material should be mixed for each application. Store unused mixed material in amber or other opaque bottles for maximum storage life. Do not use Ultralane Stripper if dark amber color or particle contamination is visible in either part A or mixed material.

#### Handling Precautions:

Mandatory and recommended industrial hygiene procedures should be followed whenever these products are being handled and processed. For additional information please consult the corresponding material safety data sheets.

#### Personal Hygiene:

##### **Ultralane Stripper A**

**Warning!** Flammable liquid. Inhalation of vapor from this material may result in toxic effects to the lung. Components can be irritating to the eyes, skin and respiratory tract and prolonged exposure may result in chemical burns. Avoid contact with eyes, skin, or clothing. Wear eye protection and impervious gloves when handling. Wash thoroughly after handling. Avoid breathing vapor or mist. Keep containers closed when not use. Use only with adequate ventilation. Do not take internally.

##### **Ultralane Stripper B**

**Corrosive!** Cause severe and skin burns and possible allergic skin allergic skin reaction. Vapor irritation to eyes, skin and nasal mucous membranes. Harmful if swallowed. All 5 gallon pails and larger metal containers, including tank cars and trucks, should be grounded and/or bonded when material is transferred.

Empty containers may retain product residues (vapor, liquid and/or solid) and should be treated as hazardous.

#### First Aid

##### **In case of contact:**

**Skin** - Wash skin thoroughly with mild soap and water. Remove contaminated clothing and wash before reuse. Discard contaminated shoes and other articles made of leather

**Eyes** - Flush eyes with plenty of water for 15 minutes and get prompt medical attention.

**Inhalation** - Remove person to fresh air

**Ingestion** - Do not induce vomiting. Dilute with plenty of water and contact physician immediately. Never give anything by mouth to an unconscious person.

**In case of fire:** Use water to spray, dry chemical or carbon dioxide extinguisher.

#### **Keep out of reach of children.**

#### Disclaimer:

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