

SPECIALLY FORMULATED TO DE-BOND WAFERGRIP ADHESIVES

# StripAid™ X Series Specialty Solvent

NON-HAZARDOUS FOR CLEAN, SAFE LABORATORY OPERATION

## StripAid™ X Series

StripAid is a biodegradable hydrocarbon used for debonding the temporary adhesive WaferGrip. The non hazardous formulation makes StripAid a popular choice for production processes where operator health and safety are of concern. StripAid can be used at ambient or elevated temperature and with ultrasonic agitation. For convenience, StripAid is available in one gallon, five gallon and fifty five gallon containers.



## Flexible Process Options

StripAid isn't just for debonding diced wafers. For debonding whole wafers, for example after the wafer thinning process, an alternative approach can be taken. When debonding whole wafers, StripAid only has access to WaferGrip on the perimeter of the wafer. This means that the solvation process starts at the outer edge of the wafer and works its way in. This process is inherently slower than the process of debonding diced wafers, due to the smaller exposed surface area. To offset the slow debonding time, process the wafers in batches. This will allow an acceptable process rate of wafers processed per day.

Yet another process is the "Heat and Slide" method. In this method, use heated StripAid to loosen up the WaferGrip. Once the wafer is up to temperature, mount the substrate in a fixture and mechanically slide the wafer from the substrate. Use heat resistant gloves and equipment to ensure safety of personnel.

## Advantages of StripAid

- Non-Hazardous
- Customizable Process
- Convenient Packaging
- No Special Handling
- Specially Formulated to Remove WaferGrip



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I N T E R N A T I O N A L

## Step 1

- Soak in StripAid at 110° C (5-20 min)



## Step 2

- Soak in clean StripAid at 110° C (5-20 min)



## Step 3

- Acetone rinse



## Step 4

- IPA rinse



## Step 5

- DI water rinse

## Application

StripAid is specially formulated to remove WaferGrip Temporary adhesives. The recommended process steps are shown on the left.

## Safety

Because StripAid has a low order of toxicity, it does not require special handling. Always use good industrial hygiene and safety practices. See the StripAid MSDS for complete safety, handling, storage and disposal information.

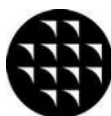
## Storage

StripAid should be stored away from direct sunlight. Proper storage temperatures range from 20° C to 25° C. Do not store under freezing conditions.

### StripAid X Specifications

<i>Specific Gravity @ 68°F</i>	<b>0.97</b>
<i>Density @ 68°F, lbs/gallon</i>	<b>8.1</b>
<i>Solubility in Water</i>	<b>Negligible</b>
<i>Water Solubility in Strip Aid @25°C, % by weight</i>	<b>0.2</b>
<i>Absolute Viscosity 68°F, cSt</i>	<b>55</b>
<i>Flash Point, °C</i>	<b>212</b>
<i>Vapor Pressure</i>	<b>Negligible</b>
<i>Color</i>	<b>Cloudy</b>
<i>Odor</i>	<b>Mild</b>

Contains no animal byproducts



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