

# MIS-PRINT ADHESIVE REMOVER

PRECISION CLEANER FOR ELECTRONICS, AUTOMOTIVE & AEROSPACE

## FEATURES:

- **Effective Cleaner**
- **Non-Flammable**
- **Contains no CFC or Chlorinated Solvents.**
- **Low Surface Tension.**
- **Low odor.**
- **Low toxicity.**
- **Naturally derived.**
- **Dries without residue**

## BENEFITS:

- **Cleans broad range UV Cured Polyurethane resin adhesives.**
- **Enhanced work environment safety.**
- **No ozone depletion.**
- **Able to clean under low standoffs.**
- **Operator friendly.**
- **Safer workplace.**
- **Environmentally Friendly.**
- **May not require water rinse for spot cleaning**



**KYZEN**  
CORPORATION

**DESCRIPTION:** Kyzen MIS-PRINT ADHESIVE REMOVER is a versatile material which does a superior job of dissolving epoxy and epoxy-phenolic resins. This material has solvating properties for many polymers such as polyacrylonitrile, polyvinyl chloride, polyvinylcarbazole, polystyrene, polyamides and cellulose acetate materials. These solvating properties make it an excellent material for removing uncured adhesives. Thermally Conductive UV Curing Adhesives are used to place components in electronics surface mount applications. Periodically there are mis-prints, dyes and machine tooling which need to be clean. In the past chlorinated solvents were the choice for these cleaning tasks. Kyzen's MIS-PRINT ADHESIVE REMOVER is a suitable replacement which provides comparable performance while meeting today's environmental needs.

<b>TYPICAL PROPERTIES:</b>	-Flash Point (CC)	200°F
	-Appearance	Clear to light amber
	-Odor	Mild
	-Boiling Point	195 to 204°C
	-Vapor Pressure	0.16 mm Hg at STP
	-Surface Tension	24 - 47 dynes/cm
	-Specific Gravity 60°F	1.120 - 1.140
	-pH 100% Solution	7.20 - 9.00

**PROCESS:** Kyzen MIS-PRINT ADHESIVE REMOVER is designed to remove uncured epoxy adhesives over a wide range of applications. For hand wipe applications use a chem wipe or soft cotton cloth soaked in this material. For cleaning mis-prints from circuit cards it is best to use a batch cleaning of spray under immersion or ultrasonics. For cleaning application dyes or screens spray under immersion or ultrasonics is also recommended.

**SAFETY:** Kyzen MIS-PRINT ADHESIVE REMOVER has low toxicity, is non-flammable, non-corrosive to components, and has a pleasant odor. Consult the MSDS for further handling and safety information.

**HANDLING PROCEDURES:** Although there are no specific hazards associated with industrial handling of Kyzen's MIS-PRINT ADHESIVE REMOVER, normal good practice for handling all chemicals should be followed. In case of accidental contact to skin or eyes, wash exposed area immediately with plain water. Teflon gasketing materials give the best results for gasketing materials.

**AVAILABILITY:** The Kyzen MIS-PRINT ADHESIVE REMOVER product is available in 1, 5, 30 and 55 gallon containers.

*The data contained herein is based on information currently available to Kyzen Corporation and is believed to be factual and the opinions expressed to be those of qualified experts; however, this data is not to be taken as a warranty or representation for which Kyzen Corporation assumes legal or financial liability.*

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# Kyzen<sup>®</sup> Misprint Adhesive Remover

**Adhesive Solvating Agent for Electronics, Automotive, and Aerospace**

## Primary Applications

Kyzen Misprint Adhesive Remover (Misprint AR) is a versatile material which is effective in dissolving epoxy and epoxy-phenolic resins. This product has solvating properties for many polymers such as polyacrylonitrile, polyvinyl chloride, polyvinylcarbazole, polystyrene, polyimides, and cellulose acetate materials. Misprint AR is an excellent alternative to chlorinated solvents, which had been used to remove misprinted UV or oven-cured adhesives from surface mount assemblies.

## Benefits & Features

- ▲ Versatile cleaner for a broad range of UV cured resin adhesives
- ▲ Completely water soluble allowing for easy rinsing without residues
- ▲ High flash point minimizes workplace hazards
- ▲ Low surface tension allows for cleaning of tight spaces and easy rinsing
- ▲ Minimal odor enhances working environment

## Chemical Description

Misprint AR is formulated for cleaning the most difficult of cured epoxy adhesives. It consists of proprietary cyclic hydrocarbons and surfactants. Its NFPA ratings are Health 3, Flammability 1, and Reactivity 0.

## Typical Properties

Flash Point (CC)	200°F	Boiling Point	195°-204°C
Surface Tension	19.6-37.1 dynes/cm	Appearance	Clear to light amber
Odor	Mild		

## Typical Process

Kyzen Misprint AR is designed to remove UV/oven-cured epoxy adhesives over a broad range of applications. For hand wipe applications, use a chem-wipe or cotton cloth soaked in the product to wipe the surface clean. For cleaning misprinted circuit cards, dyes, or screens, use of the product at full concentration in ultrasonic or spray-under-immersion cleaners is recommended. The product should then be rinsed with pure Misprint AR or IPA and dried.

## Safety

Kyzen Misprint AR has a flash point of 200°F, which minimizes flammability concerns. This product is also non-corrosive. Consult the Kyzen MSDS for safety and handling information.

## Environmental Compliance

Kyzen Misprint AR is operated in compliance with air, water, solid waste, and VOC regulations. Contact Kyzen regarding pertinent data to your process.

## Availability

Kyzen Misprint AR is available in 1, 5, and 55 gallon containers.

## Ordering Information

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