

# Lucite® 48SC

## Acrylic Resin for Glass Separation

Improper storage and transport of glass products (e.g., flat glass or fabricated items) can lead to costly damage caused by glass-to-glass abrasion rendering it unsuitable for end-use. Lucite® 48SC Acrylic Resins provides excellent protection of glass during storage and shipment. Lucite® 48SC is specially designed for use with coated glass.

### Benefits

Lucite® 48SC acrylic resin provides the following benefits:

- Minimizes damage to coated glass
- Minimizes glass-to-glass abrasion/scratching
- Physical separator to ease glass handling
- Inert, non-hazardous
- Cost effective (typical loading 300-500 mg/m<sup>2</sup>)
- Perfectly suited for automated glass handling / processing
- Easy to apply (e.g. manually or electrostatic on-line applicator)
- Easy to remove (e.g. aqueous wash)

### Typical Properties<sup>a</sup>

Appearance	Spherical beads
Specific Gravity, 25°C	1.18
Tukon Hardness	11
Refractive index, $n_D$	1.49
Luminous transmittance (0.125 in / 0.3 mm)%	92
Tensile Strength (23°C/73°F, 50% R.H.), Psi	5,400
Elongation at break (23°C/73°F, 50% R.H.)%	25

a) Typical physical properties listed are approximate values and should not be considered manufacturer's release specifications. Manufacturer's release specifications are subject to change without notice, please contact your Lucite® representative for the latest product specification details.

## Storage & Handling

Lucite® 48SC should be stored in a cool, dry place away from heat sources. If possible, do not store at or above the glass transition temperature as resin blocking can occur. If a resin block is formed, extra time and care must be taken to break up the mass for use. Please consult the Safety Data Sheet for additional safety information.

# Pasadena, Texas, USA

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Mitsubishi Chemical America, Inc., Specialty Resins Division hereby certifies that the country chemical inventory status of Lucite® 48SC is as follows.

US	CA	AU	CN	KR	NZ	PH	TW	JP	Russian Federation	TH	Vietnam
TSCA	DSL	AICS	IECSC	KECI	NZIoC	PICCS	TCSI	ENCS	Unified list of chemicals	DIW	NCI
Listed as Active	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y

Y: Listed

N: Not Listed

For further information or samples, please contact your local distributor, or:

## **Mitsubishi Chemical America, Inc.**

Specialty Resins Division  
9675 Bayport Blvd.  
Pasadena, Texas 77507  
Phone (713)758-8190  
[www.m-chem.com/specialtyresins](http://www.m-chem.com/specialtyresins)  
[MCA-SPR.sales@m-chem.com](mailto:MCA-SPR.sales@m-chem.com)

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