

Lucite International Inc.

Technical Service Document

Lucite® Sheet PRODUCT SAFETY BULLETIN

LUCITE® XL acrylic sheet products have a proven record of safe manufacture, fabrication, and disposal. These products are not hazardous materials that pose health or storage problems, create hazardous conditions or require any extra special care when used under normal conditions and in typical installations. This bulletin discusses and recommends safeguards for minimizing risks to safety and health when handling, storing, and disposing of LUCITE sheet.

This information is based on industry experience and is offered as a service to customers. Recommendations are general in content and cannot be interpreted to reflect specific needs of varying usage conditions. This information is intended to be used by individuals experienced in handling, storing, and disposing of acrylic sheet and is to be used at their discretion and risk. Lucite International will not guarantee favorable results through use of this information and will assume no liability in conjunction with its use or misuse.

Handling

Protective gloves are recommended for persons working with LUCITE sheet to avoid possible injury to the hands. During fabrication requiring sawing, drilling, scoring or breaking, safety glasses or goggles and protective apron should be worn.

Storage

Sheets should not be piled flat. Upon arrival at their destination, sheets should be unpacked and stacked vertically in racks. This eliminates the possibility of chips and hard particles becoming lodged between sheets. In vertical storing, sheets should be adequately supported to prevent bowing.

Avoid storage of sheets with paper masking in areas where temperatures of 125°F and higher exist.

Keep material out of areas where intense sunlight is present; failure to do so may cause paper masking to bake onto the sheet.

Avoid storage of material where damp and/or water flooded conditions exist since either may cause warpage and/or absorption of water into the sheet.

Disposal

The preferred disposal method for LUCITE sheet is by landfill. LUCITE L, XL, and S-A-R II acrylic sheet products are stable and represent no known health hazards in properly operated landfills.

Incineration is an alternative method for disposal. Under conditions of complete combustion, LUCITE sheet is converted into carbon dioxide and water. Whatever method of disposal is decided, it must be in compliance with local, state, and federal regulations.

Smoke produced by incineration should be considered toxic and should not be inhaled, as is true

for smoke produced from wood or paper under the same conditions. In the event of accidental fire, LUCITE sheet may be extinguished by using carbon dioxide, water or a dry chemical.

LUCITE acrylic sheet is a combustible thermoplastic and, like many other synthetic and natural materials, should not be used in applications where prohibited by codes or where common sense deems it unsafe.

For further information, call Lucite International Inc. on 1 (800) 4LUCITE and ask for Lucite® XL Technical Service.

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The information and recommendations in this publication are, to the best of our knowledge, reliable. Users should make their own tests to determine the suitability of these products for their own particular purpose.

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