

3M™ Light-To-Heat Conversion Release Coating (LTHC) Ink

Product Description

3M™ Light-To-Heat-Conversion Release Coating (LTHC) ink is a solvent based coating applied using a spin coating method. This coating forms the light to heat conversion layer on a glass substrate for 3M™ Wafer Support System.

Features and Benefits

- Enables stress free, room temperature debonding of adhesive to glass carrier interface with laser irradiation
- Compatible with typical semiconductor chemistries and processes

Typical Properties

Note: The following technical information and data should be considered representative or typical only and should not be used for specification purposes.

Base Resin:	Acrylic
Color:	Black Thixotropic liquid
Specific Gravity:	1.00
Solid:	11%
Solvent:	1-Methoxy-2-propyl acetate 2-Butoxy Ethanol
Flash Point:	45°C

General Information

Standard container is 20L Stainless steel drum (UN: 1A1/X/250).

Storage

Store this product under normal conditions of 5°C to 35°C in original container for maximum storage life.

Shelf Life

Six months after the date of shipping from 3M.

Method of Usage

- Product must be stirred/mixed at 600-700 RPM for 12 hours before usage.
- Product must be stirred continuously while in use.



Regulatory

For regulatory information about this product, contact your 3M representative.

Safety Data Sheet

Consult product Safety Data Sheet prior to use.

Technical Information

The technical information, recommendations and other statements contained in this document are based upon tests or experience that 3M believes are reliable, but the accuracy or completeness of such information is not guaranteed.

Product Use

Many factors beyond 3M's control and uniquely within user's knowledge and control can affect the use and performance of a 3M product in a particular application. Given the variety of factors that can affect the use and performance of a 3M product, user is solely responsible for evaluating the 3M product and determining whether it is fit for a particular purpose and suitable for user's method of application.

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