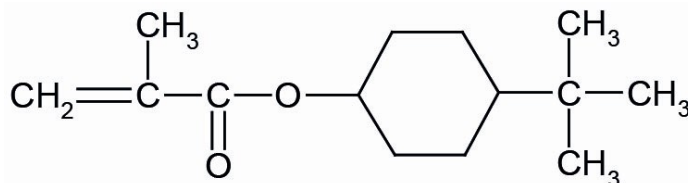


Nourycryl MC 110

4-tert-Butylcyclohexyl methacrylate



Nourycryl MC 110 is a methyl acrylate monomer used as a reactive diluent in adhesive, adhesion promoter.

CAS number
46729-07-1

EINECS/ELINCS No.
256-277-5

TSCA status
listed on inventory

Molecular weight
224.3

Characteristics

Boiling point	93 (1.3 kPa) °C
Density, 40 °C	0.945-0.955 g/cm ³
Melting point/range	10-35 °C
Refractive index, 40 °C	1.455
Viscosity, 40 °C	5 mPa.s

Applications

Nourycryl MC 110 can be used as a low shrinkage reactive diluent in adhesive formulations. It serves as a solvent, which is incorporated into the polymer structure, resulting in low VOC emissions. Its combination of low viscosity and high glass transition temperature given to the final product, is unsurpassed. Nourycryl MC 110 can also be applied as a UV resistant (non-yellowing) comonomer in cast and optical resin systems, which will benefit from its excellent adhesion-promoting ability as well as its high glass transition temperature.

Storage

Nouryon recommends to store Nourycryl MC 110 at 20°C max. Storage at higher temperatures may cause polymerization leading to increased viscosity.

Note

When stored under the recommended storage conditions Nourycryl MC 110 will remain within the Nouryon specifications for a period of at least 6 months after delivery.

Packaging and transport

The standard packaging is 170 kg in non-returnable coated steel drums. Both packaging and transport meet the international regulations. For the availability of other packed quantities contact your Nouryon representative. Nourycryl MC 110 is classified as a non-dangerous good according to national and international transport regulations.

Safety and handling

Store and handle Nourycryl MC 110 in a dry well-ventilated place away from sources of heat or ignition and direct sunlight. Do not mix with organic peroxides. Please refer to the Safety Data Sheet (SDS) for detailed information on the safe storage, use and handling of Nourycryl MC 110. This information should be thoroughly reviewed prior to acceptance of this product. The SDS is available at <https://polymerchemistry.nouryon.com>.

All information concerning this product and/or suggestions for handling and use contained herein are offered in good faith and are believed to be reliable. Nouryon, however, makes no warranty as to accuracy and/or sufficiency of such information and/or suggestions, as to the product's merchantability or fitness for any particular purpose, or that any suggested use will not infringe any patent. Nouryon does not accept any liability whatsoever arising out of the use of or reliance on this information, or out of the use or the performance of the product. Nothing contained herein shall be construed as granting or extending any license under any patent. Customer must determine for himself, by preliminary tests or otherwise, the suitability of this product for his purposes. The information contained herein supersedes all previously issued information on the subject matter covered. The customer may forward, distribute, and/or photocopy this document only if unaltered and complete, including all of its headers and footers, and should refrain from any unauthorized use. Don't copy this document to a website.

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The Nouryon logo consists of a stylized orange 'N' followed by the word 'ouryon' in a lowercase, sans-serif font, all in orange.