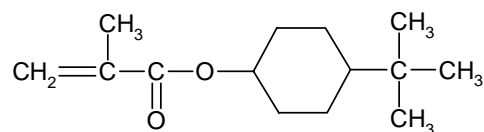


## Product Data Sheet

# Nourycryl<sup>®</sup> MC 110

**Chemical description** 4-tert-Butylcyclohexyl methacrylate



Molecular weight	: 224.3
Theoretical degree of unsaturation	: 4.46 meq/g
CAS No.	: 46729-07-1
EINECS/ELINCS No.	: 256-277-5
TSCA status	: listed on inventory

<b>Specifications</b>	Appearance, 40°C max.	: Clear liquid
	Assay	: 88% min.
	Color, 40°C max.	: 300 Pt-Co max.

<b>Characteristics</b>	Viscosity, 40°C	: 5 mPa.s
	Density, 40°C	: 945-955 kg/m <sup>3</sup>
	Refractive index, 40°C	: 1.455
	Melting point/range	: 10-35°C
	Boiling point	: 93°C (1.3 kPa)

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

When stored under the recommended storage conditions *Nourycryl* MC 110 will remain within the AkzoNobel specifications for a period of at least six 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 AkzoNobel 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 [www.akzonobel.com/polymer](http://www.akzonobel.com/polymer).

## Applications

*Nourycryl*/MC 110 is a comonomer that improves water resistance of cured polymers. It is typically used in coatings, cast resins and optical resin systems.

*Nourycryl* is a registered trademark of Akzo Nobel Chemicals B.V. or affiliates in one or more territories.

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