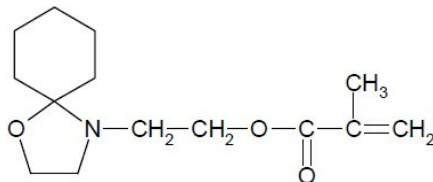


Nourycryl MA 128

(2,2-pentamethylene-1,3-oxazolidyl-3)ethylmethacrylate



Nourycryl MA 128 is a methyl acrylate monomer used as a functional building block in polyurethane coatings.

CAS number
4203-89-8

EINECS/ELINCS No.
224-116-8

TSCA status
listed on inventory

Molecular weight
253.3

Specifications

Appearance	Clear to turbid liquid
Assay	≥ 94 %
Color	≤ 5 G
p-Methoxyphenol	≤ 250-350 mg/kg

Characteristics

Boiling point	109 (2.6 hPa) °C
Density, 20 °C	1.040-1.060 g/cm ³
Melting point	≤ -15 °C
Refractive index, 25 °C	1.4845-1.4865
Viscosity, 20 °C	~ 20 mPa.s

Applications

Nourycryl MA 128 containing resins can be applied in urethane systems such as one-pack acrylic/urethane high performance coatings. They provide a long pot-life and short curing times under ambient conditions, while allowing for very high solid contents in durable polyurethane coatings, e.g. used in the aerospace industry.

Storage

Nouryon recommends to store Nourycryl MA 128 sealed in original packing and at below 10°C preferably between 0-5°C. Storage at higher temperatures may cause polymerization leading to increased viscosity.

Note

When stored under the recommended storage conditions Nourycryl MA 128 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 MA 128 is classified as Methyl methacrylate, monomer, stabilized solution; Division 3; UN 1247: Packing Group II.

Safety and handling

Store and handle Nourycryl MA 128 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 MA 128. 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.