Sustainable Innovation for a Better Future

PowerCure™ NPG Amine Synergist

Introduction

PowerCure™ NPG is a highly efficient amine synergist which, when used in conjunction with Type II photoinitiators, generates free radicals that initiate radical polymerization of unsaturated oligomers after exposure to UV light.

Chemical Name

Phenylacetic acid

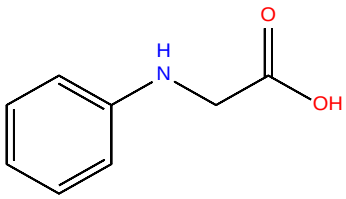
CAS Number

103-01-5

EINECS Number

203-148-6

Chemical Structure



Chemical Formula

$C_8H_9NO_2$

Physical Properties

Appearance	Light yellow to yellow powder
Initial Melting Point [20°C]	117.0-128.0
Loss on Drying(%)	Max.1.0
Purity (%)	Min.98.5

Benefits & Applications

PowerCure™ NPG is applied in the field of Coating, Inks, Photo resists.

Handling & Storage

In accordance with good industrial practice, handle with care and avoid unnecessary personal contact. Avoid continuous or repetitive breathing of dust. Use only with adequate ventilation. Protect skin. Avoid dust formation and ignition sources.

This product may be stored up to two years in a sealed container. Containers should be stored in a cool, dry area. Extended storage at elevated temperatures or exposure to direct heat or sunlight could reduce product life. Keep containers sealed when not in use.

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For more detailed information please refer to the material safety data sheet.

Packing

PowerCure™ NPG is supplied in 20Kg Drum.

Note

All information in the leaflet is based on our present knowledge and experience. We reserve the right to make any changes according to technological progress or further developments. Performance of the product described herein should be verified by testing.

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We disclaim liability for any incidental or consequential damages.