

Material Safety Data Sheet

Quick Identifier: Hardener 100-VR-1286

RUCO Druckfarben
A.M. Ramp & Co. Gmbh
D-65814 Eppstein/Ts.

Hazard Ratings: Health 2
Flammability 3
Reactivity 0

Section I

Distributors: IMTRAN
Address: 39 Shelley Road
City/State/Zip: Haverhill, MA 01835

Information: Tel: +49-6198-3040 (RUCO)
Tel: 978-372-3443 (IMTRAN)
Fax: 978-372-9817

Person Responsible for Preparation: Dr. H. Nitschke
Date Prepared: July 1996

Section II Hazardous Ingredients

Hazardous Component(s) (Chemical & Common name(s))	OSHA PEL (ppm)	ACGIH TLV (ppm)	Other Exposure Limits (ppm)	Range (weight-%)	CAS-No.
Methoxypropanol	100		100 (MAK)	20-50	107-98-2
Aliphatic amines	-		-	20-50	68410-23-1

The product does not contain any ingredients being classified toxic according to EU regulations

Section III Physical & Chemical Characteristics

Boiling Point 120 °C (248 °F)
Specific Gravity (H₂O = 1) 1.1
Vapor Pressure (mbar) 1.0

Vapor Density Heavier than air (3-4)
VOC (ingredients with vapor pressure > 0.1 mbar)
550 g/l

Solubility In Water insoluble
Reactivity In Water none

Appearance & Odor Clear liquid with odor of organic solvents
Melting Point Unknown

Section IV Fire & Explosion Data

Flash Point 35 °C (95 °F)
Method Used Closed cup
Flammable Limits In Air % by Volume
LEL (Lower) 1.6
UEL (Upper) 13.8

Auto-Ignition Temperature 270 °C (518 °F)
Extinguishing Media Chemical powder, foam, carbon dioxide

Special Fire Fighting Procedures Foam in large quantities. Cool endangered containers with water.

Unusual Fire & Explosion Hazards Heat, sparks, open fire or static electricity may cause combustion of the product. When pouring liquid from one container to another, keep both containers well grounded.

Section V Physical Hazards (Reactivity Data)

