

# Material Safety Data Sheet

**Quick Identifier:** Printing Ink 450-JK (G1 - G12)

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

**Hazard Ratings:** Health 1  
Flammability 2  
Reactivity 0

## Section I

**Distributors:** Imtran. **Information:** Tel: +49-6198-3040 (RUCO)  
**Address:** 39 Shelley Road Tel: 978-372-3443 (Imtran)  
**City/State/Zip:** Haverhill, MA 01835 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.
Cyclohexanone		25	50 (MAK)	5-10	108-94-1
Trimethylbenzene		25	-	1-5	108-67-8
Isopropylbenzene		50	50 (MAK)	1-5	98-82-8
Xylene		100	100 (MAK)	1-5	1330-20-7
Benzylalcohol		-	-	10-20	100-51-6

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

## Section III Physical & Chemical Characteristics

**Boiling Point** 156 °C (312 °F) **Specific Gravity (H<sub>2</sub>O = 1)** 1.08 - 1.62 depending on shade **Vapor Pressure (mbar)** 5

**Vapor Density** Heavier than air (3-4) **VOC (ingredients with vapor pressure > 0.1 mbar)** 553 - 616 g/l depending on shade

**Solubility In Water** insoluble **Reactivity In Water** none

**Appearance & Odor** Colored Paste with odor of organic solvents **Melting Point** Unknown

## Section IV Fire & Explosion Data

**Flash Point** 43 °C (109 °F) **Method Used** Closed cup **Flammable Limits** In Air % by Volume **LEL (Lower)** 0.8 **UEL (Upper)** 13

**Auto-Ignition Temperature** 335 °C (635 °F) **Extinguishing Media** Chemical powder, foam, carbon dioxide

**Special Fire Fighting Procedures** Full protective equipment including self contained breathing apparatus should be used. Foam in large quantities. Cool endangered containers with water.

**Unusual Fire & Explosion Hazards** Do not inhale fumes or decomposition products. Toxic gases may be generated by burning and thermal decomposition.

