



# Technical Data Sheet

## TPC 830, 1- Component Pad Printing Mirror-Ink

TPC 830\_en2.doc

20.11.2008 / 24.07.2008 / Lgg

Blatt 1 / 1

## Pad Printing Ink TPC 830-NT - Mirror-Ink

### Application

Printed on the reverse side of clear foils, TPC 830 results in nearly perfectly reflecting prints.

Printed on the front side of smooth surfaces it is possible to achieve chromium-like surfaces.

### Characteristics

A maximum mirror effect can be achieved using **clear foils of PMMA, polycarbonate, coated polyester and polystyrene.**

Pre-tests are absolutely necessary. Printing on the front side of the foils will not result in a mirror gloss effect.

### Colour Shades

The colour shades of the TPC 830-NT range show heavy metal free pigmentation and correspond to EN 71, part 3, safety of toys, migration of certain elements.

### Ink Colour Programme

*Metal Colour Tones*

TPC 830/79-NT silver

### Adjustment for Pad Printing

Printing consistency is adjusted with 10-20% Thinner VD or VS. As retarder ZG can be used.

### Drying

TPC 830 ink is physically drying i.e. it dries by evaporation of solvents. In order to achieve a good mirror gloss effect it is recommended to make the drying with cold air.

### Cleaning

Pad printing ink TPC 830 can be removed from clichés and tools using universal cleaning agent RE. If the ink has already begun to dry we recommend to use Screen-Spray SS to achieve a better cleaning.

### Packing

TPC 830-NT inks are available in 1 litre cans only. (approx. 1.06 qt.).

### Shelf Life

For information regarding shelf life please see tin label.

### Marking

Read material safety data sheets prior to processing.

The material safety data sheets according to (EG) 1907/2006 contain marking in compliance with the regulation on dangerous preparations (1999/45/EG) as well as instructions for precautions when processing, handling and storing as well as first aid.

The information given in the material safety data sheet refers to processing as described in this product data sheet.

***The statements in our leaflets and safety data sheets are based on our present experiences, however they are no assurance of product properties and do not justify a contractual legal relationship. They serve to advise our business associates, but it is absolutely necessary to make your own printing tests under local conditions, with regard to the intended purpose prior to starting the job.***

***- All former leaflets are no longer valid. April 2008. Version Nr.3***