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SPECIALTY CHEMISTRY

WASTE MANAGEMENT

APPLICATION TECHNOLOGY

INNOVATIVE ENGINEERING

## Product Application Presentation

**Product Identifier:**

# TCI 110 H.D.

**Process Identifier:** Non-toxic water emulsifiable solvent for plastisol inks as screen and tool cleaner in containment screen washer

### Product Presentation

TCI 110 H.D. is a blended aliphatic solvent of high purity, clear, medium viscosity liquid with a pleasant ether aroma. Its physical properties are designed to solubilize the plastisol printing ink matrix in the cleaning process of screens, tools and rollers. Ideal as a user friendly solution to olfactory repulsive products.

It is NOT a WATER based cleaner but Screens rinse film free with water flush. NO need to use degreasers or deghosting chemicals. The cleaning performance is superior to mineral spirits e.g. varsol, recycled waste solvent or lacquer thinners. It has a high boiling point, low evaporation rate and high flash point for greater safety.

### Process Introduction

TCI 110 H.D. is a safe, low toxicity product. Biodegradable and environmentally friendly. This multi-purpose cleaning product is designed to meet today's progressive maintenance needs.

It is ideal for all applications where stricter environmental pollution standards, volatile organic compound reporting requirements and stringent health and safety criteria require a product that is safer.

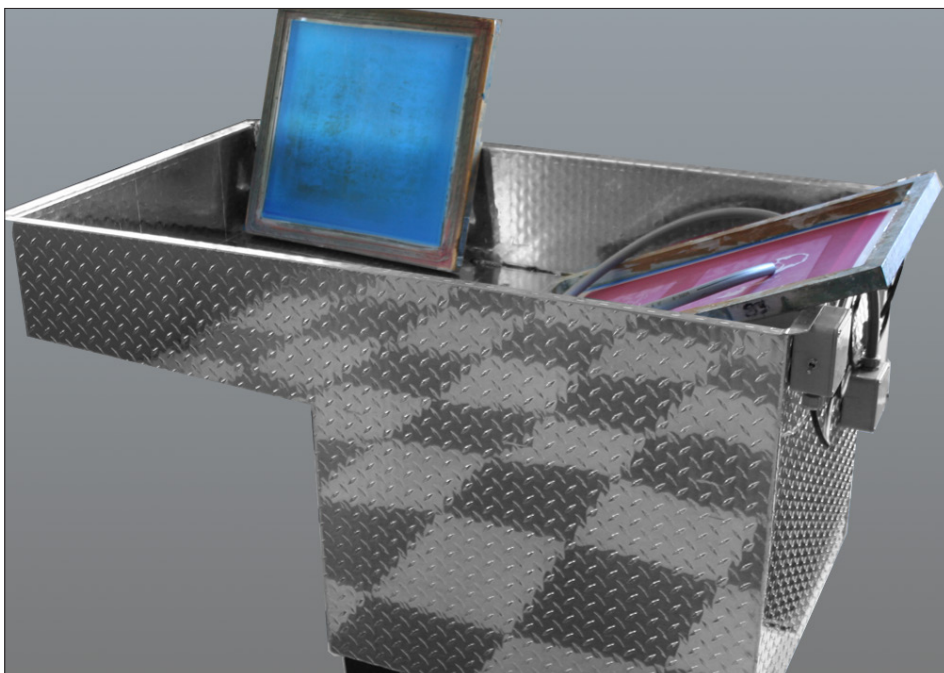
It is designed to remove printing inks from any metal, wood, rubber, plastic and silk screen surfaces with minimal agitation.

### Process Specificity

TCI 110 H.D. is used at full strength. It is used in the graphics imprinting textile or label printing industry. It is versatile and economical. It is ideal for "brush cleaning" in our recirculating tanks such as Model 45 silk screen washer or other custom designed models. Please ask our technical design department. This method captures all the waste ink in the bottom of the cleaning tank for proper waste disposal and treatment instead of injecting it into the septic system or sanitary sewer.

TCI 110 H.D. is also ideal for "spray & agitate" cleaning then rinsed with a low pressure power washer. This method requires a drain interceptor to capture the waste ink before injecting it into the septic system or sanitary sewer. Please ask our technical design department for design, fabrication, installation and compliance of a waste management system.

### Model 045 Portable Recirculating Silk Screen Washer



### Solution Disposal

According to the Ontario Ministry of the Environment and Climate Change Regulation 347 and local municipal by-laws, the cleaning process has generated a liquid industrial waste. Tetra-Chem Industries Ltd. provides a waste disposal management system at regular intervals or at the customer's request at no charge.

### ONTARIO CERTIFICATE OF APPROVAL

**A800506**

### Packaging

Product Order Code  
20 L Carboys..... 110-020  
205 L Drums..... 110-205  
1000 L Tote..... 110-BULK

For industrial and institutional use only.

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