



## Product Application Presentation

**Product Identifier:**

# TCI 117 H.D.

**Process Identifier:**

**Zero VOC, semiconductive, hi-flash point, hi-purity synthetic parts cleaning solvent**

### Product Presentation

TCI 117 H.D. blended aliphatic solvent degreaser is derived from a virgin stock of high purity, zero VOC content, high flash point, clear colorless liquids. Ideal alternative as a user friendly solution to olfactory repulsive products. It is emulsifiable in water. The cleaning performance and longevity is far superior to petroleum distillates e.g. varsol.

TCI 117 H.D. is non-conductive and non-corrosive (no ionization), thus does not promote flash rusting. It has a high flash point of 94°C or 200°F.

### 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.

The spent waste solvent and sludge is removed from the Parts Washer systems by Tetra-Chem Industries Ltd. for recycling as alternative energy at no charge on delivery of fresh product. Ontario Certificate Of Approval: A 800506.

**Ideal solvent for large  
and small precision  
machined parts.  
All Metals.**

### Process Introduction

TCI 117 H.D. is an innovative new liquid multi-purpose cleaning product designed to meet today's progressive health & safety, maintenance and environmental protection needs.

TCI 117 H.D. contains no Hazardous Atmospheric Pollutants (HAPs). It is ideal for all applications where stricter environmental pollution standards and stringent health and safety criteria require a product that is safer. It is designed to remove oil, dirt, grease, inks, tar, varnish and a combination of this dirt from any metal, plastic, rubber and ceramic surfaces with minimal agitation. Cleaning of contaminated parts rinse and dry film free.

TCI 117 H.D. does not harm cured paints while soaking or after the surface has been washed with water.

CEPA: All components of this material are either on the Canadian Domestic Substances List (DSL), exempt, or have been notified under CEPA.

### Process Specificity

TCI 117 H.D. is used at full strength. It is designed for the machine shop, electronics, steel and aluminum fabricators, engine rebuilders, auto electric rebuilders, transmission rebuilders, automotive service, aviation, marine and agricultural related industries. It is versatile and economical. It is ideal for immersion and recirculating solvent parts washer tanks: Model 005, Model 015 Model 075, Model 100.

Use TCI 117 H.D. only in manufacturer's approved cleaning systems, vibratory finishers, media shakers, media tumblers and air siphon guns. The surfaces being cleaned can air dry, be mechanically dried by forced air or water flushed without leaving contaminating residues.

The cleaning performance and longevity is superior to recycled solvent products.

At the finished product stage, it does not contain contamination carcinogens which can't be removed in the distillation process from recycled waste solvent collections.

TCI 117 H.D. has an intrinsic characteristic that prolongs the performance expectancy of up to three to five times when compared to all other recycled or virgin petroleum distillate type solvent products. The cleaning efficiency remains high even at the top end of the soil load spectrum.

**Packaging: 20, 205, 1000 litres**

All metal surfaces film free

**For industrial and institutional use only.**

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