



**SMT Detergent Corp.**

4607 Lakeview Canyon Rd. #264

Westlake Village, CA 91361 USA

Tel.: +1-818-707-3110 E-mail: [Bill@SMTdetergent.com](mailto:Bill@SMTdetergent.com) Web: [www.SMTdetergent.com](http://www.SMTdetergent.com)

**MATERIAL DECLARATION**

(RoHS / REACH)

**Material / Substance:** 440-R SMT Detergent

**Part Number:** 440-R

**Description:** Non-hazardous aqueous detergent for cleaning stencils, pallets, misprinted PCBs and tooling used in the SMT solder paste printing process

<b>Material/Substance</b>	<b>Threshold Level</b>	<b>Intentionally Added and/or Above Threshold</b>	<b>If “YES” Must Provide CAS numbers and Concentration in PPM</b>
dimethylfumarate (DMF), CAS No 624-49-7	1000 ppm Intentionally added	<b>No</b>	
Anthracene oil, CAS No 90640-80-5	1000 ppm Intentionally added	<b>No</b>	
Anthracene oil, anthracene paste, distn. lights *, CAS No 91995-17-4	1000 ppm Intentionally added	<b>No</b>	
Anthracene oil, anthracene paste, anthracene fraction, CAS No 91995-15-2	1000 ppm Intentionally added	<b>No</b>	
Anthracene oil, anthracene-low, CAS No 90640-82-7	1000 ppm Intentionally added	<b>No</b>	
Anthracene oil, anthracene paste, CAS No 90640-81-6	1000 ppm Intentionally added	<b>No</b>	
Coal tar pitch, high temperature, CAS No 65996-93-2	1000 ppm Intentionally added	<b>No</b>	
Acrylamide, CAS No 79-06-1	1000 ppm Intentionally added	<b>No</b>	
Aluminosilicate, Refractory Ceramic Fibres	1000 ppm Intentionally added	<b>No</b>	
Zirconia Aluminosilicate, Refractory Ceramic Fibres	1000 ppm Intentionally added	<b>No</b>	
2,4-Dinitrotoluene, CAS No 121-14-2	1000 ppm Intentionally added	<b>No</b>	
Diisobutyl phthalate, CAS No 84-69-5	1000 ppm Intentionally added	<b>No</b>	
Lead chromate, CAS No 7758-97-6	1000 ppm Intentionally added	<b>No</b>	
Lead chromate molybdate sulphate red (C.I. Pigment Red 104)***, CAS No 12656-85-8	1000 ppm Intentionally added	<b>No</b>	
Lead sulfochromate yellow (C.I. Pigment Yellow 34)***, CAS No 1344-37-2	1000 ppm Intentionally added	<b>No</b>	
Tris(2-chloroethyl)phosphate, CAS No 115-96-8	1000 ppm	<b>No</b>	



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<b>Material/Substance</b>	<b>Intentionally added</b>	<b>Intentionally Added and/or Above Threshold</b>	<b>If "YES" Must Provide CAS numbers and Concentration in PPM</b>
	<b>Threshold Level</b>		
Trichloroethylene, CAS No 79-01-6	1000 ppm Intentionally added	<b>No</b>	
Boric acid, CAS No 10043-35-3, 11113-50-1	1000 ppm Intentionally added	<b>No</b>	
Disodium tetraborate, anhydrous CAS No 1330-43-4, 12179-04-3, 1303-96-4	1000 ppm Intentionally added	<b>No</b>	
Tetraboron disodium heptaoxide, hydrate CAS No 12267-73-1	1000 ppm Intentionally added	<b>No</b>	
Sodium chromate, CAS No 7775-11-3	1000 ppm Intentionally added	<b>No</b>	
Potassium chromate, CAS No 7789-00-6	1000 ppm Intentionally added	<b>No</b>	
Ammonium dichromate, CAS No 7789-09-5	1000 ppm Intentionally added	<b>No</b>	
Potassium dichromate, CAS No 7778-50-9	1000 ppm Intentionally added	<b>No</b>	
1,2,3-Trichlorobenzene, CAS No 87-61-6	1000 ppm Intentionally added	<b>No</b>	
1,2,4-Trichlorobenzene, CAS No 120-82-1	1000 ppm Intentionally added	<b>No</b>	
1,3,5-Trichlorobenzene, CAS No 108-70-3	1000 ppm Intentionally added	<b>No</b>	
Cobalt(II) sulphate, CAS No 10124-43-3	1000 ppm Intentionally added	<b>No</b>	
Cobalt(II) dinitrate, CAS No 10141-05-6	1000 ppm Intentionally added	<b>No</b>	
Cobalt(II) carbonate, CAS No 513-79-1	1000 ppm Intentionally added	<b>No</b>	
Cobalt(II) diacetate, CAS No 71-48-7	1000 ppm Intentionally added	<b>No</b>	
2-Methoxyethanol, CAS No 109-86-4	1000 ppm Intentionally added	<b>No</b>	
2-Ethoxyethanol, CAS No 110-80-5	1000 ppm Intentionally added	<b>No</b>	
Chromium trioxide, CAS No 1333-82-0	1000 ppm Intentionally added	<b>No</b>	
Acids generated from chromium trioxide and their oligomers: Chromic acid, CAS No 7738-94-5 Dichromic acid, CAS No 13530-68-2 Oligomers of chromic acid and dichromic acid	1000 ppm Intentionally added	<b>No</b>	



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\* Light fractions from distillation

\*\* All refractory ceramic fibres are covered by index number 650-017-00-8 in Annex VI of the Regulation on Classification, Labelling and Packaging of chemical substances and mixtures, the so called CLP Regulation (Regulation (EC) No 1272/2008).

\*\*\* C.I.: Colour Index

**ADDITIONAL REQUIREMENTS:**

a) Method / Data Source utilised for Declaration:

i) Information from Suppliers  Y  N (Y/N)

ii) In-house / External Testing  Y  N (Y/N)

iii) Others  Y  N (Y/N)

Please specify:  Formulation \_\_\_\_\_

b) Is the product a solder material (bar/paste/wire/ball/pre-form/etc...)?  N  Y (Y/N)  
(For determination of RoHS 5-of-6 exemption status)

**440-R SMT Detergent** meets all requirements for EU RoHS and REACH regulations.

Signature: \_\_\_\_\_ *William Schreiber* \_\_\_\_\_ Date: 30 Sept. 2010  
Authorized Representative of SMT Detergent Corp.

Name:  William Schreiber \_\_\_\_\_ Phone: +1-818-707-3110

Title:  President \_\_\_\_\_ E-mail: [Bill@SMTdetergent.com](mailto:Bill@SMTdetergent.com)

30 September 2010