



**TEST REPORT**

**Report No. : CH:TX:542028264**

**DATE : 17/08/2005**

**SAMPLE NOT DRAWN BY SGS INDIA PRIVATE LTD.**

**SAMPLE SUBMITTED AND IDENTIFIED BY SUPPLIER AS :**

**SUBMITTED BY** EURO LABELS PRIVATE LIMITED  
**ADDRESS** C-16, MOGAPPAIR INDUSTRIAL ESTATE (WEST), MOGAPPAIR  
**CITY** CHENNAI-600037  
**COUNTRY** INDIA  
**PRODUCT DESCRIPTION** SHOE COMPONENTS  
**SAMPLE NAME** ROCKET SOLE  
**CODE NO.** EL 2221  
**CUSTOMER** DEICHMANN  
**SAMPLE RECD ON** 12/08/2005    **TEST START DATE** 12/08/2005    **TEST END DATE** 17/08/2005  
**TEST(S) REQUIRED** AZO DYES

**per pro SGS India Private Ltd.**

Authorised Signatory

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### Analysis Of Azo Dye From General Fibres Commodity Articles According To German Bedarfsgegenstände-Verordnung

Section 35 of the German Foodstuffs and Commodity Articles Act, January 1998, 82.02.2 & § 35 LMBG 82.02.Z (July 2004); with the use of Gas Chromatography - Mass Spectrometry (GC-MS) / High Performance Liquid Chromatography - Diode Array Detector (HPLC-DAD) / Thin layer Chromatography (TLC) Technique.

No.	Forbidden Amines Substances	CAS-No.	Result
1	4-aminodiphenyl/xenylamine/Biphenyl-4-ylamine	92-67-1	n.d.
2	Benzidine	92-87-5	n.d.
3	4-chlor-o-toluidine	95-69-2	n.d.
4	2-naphthylamine	91-59-8	n.d.
5	o-aminoazotoluene/4-o-tolylazo-o-toluidine/4-amino-2',3-dimethylazobenzene*	97-56-3	n.d.
6	2-amino-4-nitrotoluol/5-nitro-o-toluidine**	99-55-8	n.d.
7	p-chloranilin/4-chloroaniline	106-47-8	n.d.
8	2,4-diaminoanisol/4-methoxy-m-phenylenediamine	615-05-4	n.d.
9	4,4'-diaminodiphenylmethane/4,4-methylenedianiline	101-77-9	n.d.
10	3,3'-dichlorobenzidine/3,3'dichlorobiphenyl-4,4'-ylene diamine	91-94-1	n.d.
11	3,3'-dimethoxybenzidine/o-dianisidine	119-90-4	n.d.
12	3,3'-dimethylbenzidine/4,4'-bi-o-Toluidine	119-93-7	n.d.
13	3,3'-dimethyl-4,4'-diaminodipenylmethane/4,4'-methyl enedi-o-toluidine	838-88-0	n.d.
14	p-cresidin/6-methoxy-m-toluidine	120-71-8	n.d.
15	4,4'-methylen-bis-(2-chloro-aniline)/2,2'-dichloro-4,4'm ethylene-dianiline	101-14-4	n.d.
16	4,4'-oxydianiline	101-80-4	n.d.
17	4,4'-thiodianiline	139-65-1	n.d.
18	o-toluidine/2-aminotoluene	95-53-4	n.d.
19	2,4-toluylendiamine/4-methyl-m-phenylenediamine	95-80-7	n.d.
20	2,4,5-trimethylaniline	137-17-7	n.d.
21	4-aminoazobenzene***	60-09-3	n.d.
22	o-anisidine/ 2-methoxyaniline	90-04-0	n.d.
23	2,4-Xylidine	95-68-1	n.d.
24	2,6-Xylidine	87-62-7	n.d.
	<b>OVERALL RATING</b>		<b>PASS</b>

Relevant Requirement (2002/61/EC) :

No relevant amine exceeding 30 ppm (mg/kg)

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Note :

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n.d. = not detectable.

Detection Limit = 5 ppm (mg/kg).

\* : Detected as O-Toluidine.

\*\* : Detected as Toluylene 2,4-diamine.

\*\*\* : the § 35 LMBG 82.02.2 method will enable further cleavage of 4-aminoazobenzene to non- forbidden amines: aniline and 1,4-phenylenediamine, therefore, the test method of § 35 LMBG 82.02.Z was employed to verify the presence of 4-aminoazobenzene

EN 14362-1 for European directive 2002/61/EC is corresponding to §35 LMBG B 82.02-2 of German Commodities Ordinance.

EN 14362-2 for European directive 2002/61/EC is corresponding to §35 LMBG B 82.02-4 of German Commodities Ordinance.

ISO 17234 for European directive 2002/61/EC is corresponding to §35 LMBG B 82.02-3 of German Commodities Ordinance.

Forbidden Arylamines for Azo Dye Regulations:

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No. 1-22 - Commission of the European Communities: Directive 2002/61/EC adopted by the Council on 19 July 2002

No. 1-20, 22-24 - Client requirement

COMMENT:

Based on the test result, azo colorants which can release one or more of the listed amines by cleavage of their azo group/s were not detected in sample (s) or the commodity submitted.

IMPORTANT:

Test was conducted on composite sample as per client's request and the test result is the overall result of a composite sample. Therefore, no reference can be made to the result of each component in the composite sample.

\*\*\*\*\* End of Report \*\*\*\*

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