

Hong Kong Government Recognized Service Supplier
Approved Laboratory of The Woolmark Company

Members of :

American National Standards Institute
American Society for Testing and Materials
British Standards Institute

Hong Kong Association for Testing, Inspection and Certification Limited
Hong Kong Toys Council

Test Report

Number: HKGH01232838

Applicant: LIFESTRENGTH LLC 1224 S. RIVER ROAD
SUITE B100 ST. GEORGE
UTAH 84790 USA
Attn: HOWARD HARMER

Date: Oct 28, 2011

Sample Description:

One (1) piece of submitted sample said to be :
Item Name : **Silicon Band with Mylar 2nd Negative Ion Powder**
Buyer : Steve Schone
Country of Origin : China



Tests conducted:

As requested by the applicant, refer to attached page(s) for details.

Conclusion:

<u>Tested Sample</u>	<u>Standard</u>	<u>Result</u>
Submitted sample	SVHC Screening Test	See details enclosed

For and on behalf of :
Intertek Testing Services HK Ltd.

Karen S.C. Ng
General Manager



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Tests Conducted

1 SVHC Screening Test

By a combination of X-Ray Fluorescence Spectroscopy, Inductively Coupled Argon Plasma Spectrometry and Gas Chromatographic - Mass Spectrometry techniques.

Chemical Substances	EC No.	CAS No.	Results
Anthracene	204-371-1	120-12-7	<0.02% (w/w)
4,4'-Diaminodiphenylmethane	202-974-4	101-77-9	<0.02% (w/w)
Dibutyl phthalate (DBP)	201-557-4	84-74-2	<0.02% (w/w)
Cobalt dichloride Δ	231-589-4	7646-79-9	<0.02% (w/w)
Diarsenic pentaoxide Δ	215-116-9	1303-28-2	<0.02% (w/w)
Diarsenic trioxide Δ	215-481-4	1327-53-3	<0.02% (w/w)
Sodium dichromate Δ	234-190-3	7789-12-0, 10588-01-9	<0.02% (w/w)
5-Tert-butyl-2,4,6-trinitro-m-xylene (musk xylene)	201-329-4	81-15-2	<0.02% (w/w)
Bis (2-ethylhexyl) phthalate (DEHP)	204-211-0	117-81-7	<0.02% (w/w)
Hexabromocyclododecane (HBCDD) and all major diastereoisomers identified (α-HBCDD, β-HBCDD, γ-HBCDD)	247-148-4 and 221-695-9	25637-99-4 and 3194-55-6 (134237-51-7, 134237-50-6, 134237-52-8)	<0.02% (w/w)
Short chain chlorinated paraffin (C10-C13)	287-476-5	85535-84-8	<0.02% (w/w)
Bis (tributyltin) oxide Δ	200-268-0	56-35-9	<0.02% (w/w)
Lead hydrogen arsenate Δ	232-064-2	7784-40-9	<0.02% (w/w)
Triethyl arsenate Δ	427-700-2	15606-95-8	<0.02% (w/w)
Benzyl butyl phthalate (BBP)	201-622-7	85-68-7	<0.02% (w/w)
Anthracene oil	292-602-7	90640-80-5	<0.02% (w/w)
Anthracene oil, anthracene paste, distn. lights	295-278-5	91995-17-4	<0.02% (w/w)
Anthracene oil, anthracene paste, anthracene fraction	295-275-9	91995-15-2	<0.02% (w/w)
Anthracene oil, anthracene-low	292-604-8	90640-82-7	<0.02% (w/w)
Anthracene oil, anthracene paste	292-603-2	90640-81-6	<0.02% (w/w)
Diisobutyl phthalate (DIBP)	201-553-2	84-69-5	<0.02% (w/w)
2,4-Dinitrotoluene	204-450-0	121-14-2	<0.02% (w/w)
Lead chromate Δ	231-846-0	7758-97-6	<0.02% (w/w)
Lead chromate molybdate sulfate red Δ (C.I. pigment red 104)	235-759-9	12656-85-8	<0.02% (w/w)
Lead sulfochromate yellow Δ (C.I. pigment yellow 34)	215-693-7	1344-37-2	<0.02% (w/w)
Coal tar pitch, high temperature	266-028-2	65996-93-2	<0.02% (w/w)
Tris(2-chloroethyl)phosphate (TCEP)	204-118-5	115-96-8	<0.02% (w/w)
Aluminosilicate, refractory ceramic fibres Δ	--	Index number 650-017-00-8	<0.02% (w/w)
Zirconia aluminosilicate, refractory ceramic fibres Δ	--	Index number 650-017-00-8	<0.02% (w/w)
Acrylamide	201-173-7	79-06-1	<0.02% (w/w)
Trichloroethylene	201-167-4	79-01-6	<0.02% (w/w)
Boric acid Δ	233-139-2/ 234-343-4	10043-35-3, 11113-50-1	<0.02% (w/w)
Disodium tetraborate, anhydrous Δ	215-540-4	1330-43-4, 1303-96-4, 12179-04-3	<0.02% (w/w)



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Tetraboron disodium heptaoxide, hydrate Δ	235-541-3	12267-73-1	<0.02% (w/w)
Sodium chromate Δ	231-889-5	7775-11-3	<0.02% (w/w)
Potassium chromate Δ	232-140-5	7789-00-6	<0.02% (w/w)
Ammonium dichromate Δ	232-143-1	7789-09-5	<0.02% (w/w)
Potassium dichromate Δ	231-906-6	7778-50-9	<0.02% (w/w)
2-Ethoxyethanol	203-804-1	110-80-5	<0.02% (w/w)
2-Methoxyethanol	203-713-7	109-86-4	<0.02% (w/w)
Cobalt (II) diacetate Δ	200-755-8	71-48-7	<0.02% (w/w)
Cobalt (II) carbonate Δ	208-169-4	513-79-1	<0.02% (w/w)
Cobalt (II) dinitrate Δ	233-402-1	10141-05-6	<0.02% (w/w)
Cobalt (II) sulphate Δ	233-334-2	10124-43-3	<0.02% (w/w)
Chromium trioxide Δ	215-607-8	1333-82-0	<0.02% (w/w)
Acids generated from chromium trioxide and their oligomers Δ :			<0.02% (w/w)
Chromic acid	231-801-5	7738-94-5	
Dichromic acid	236-881-5	13530-68-2	
Oligomers of chromic acid and dichromic acid			
1-Methyl-2-pyrrolidone	212-828-1	872-50-4	<0.02% (w/w)
1,2-Benzenedicarboxylic acid, di-C ₆₋₈ -branched alkyl esters, C7-rich (DIHP)	276-158-1	71888-89-6	<0.02% (w/w)
1,2-Benzenedicarboxylic acid, di-C ₇₋₁₁ -branched and linear alkyl esters (DHNUP)	271-084-6	68515-42-4	<0.02% (w/w)
1,2,3-Trichloropropane	202-486-1	96-18-4	<0.02% (w/w)
2-Ethoxyethyl acetate (2-EEA)	203-839-2	111-15-9	<0.02% (w/w)
Hydrazine	206-114-9	7803-57-8, 302-01-2	<0.02% (w/w)
Strontium chromate Δ	232-142-6	7789-06-2	<0.02% (w/w)

Remark : SVHC = Substance of Very High Concern
< = Less than
Δ = Determination was based on elemental analysis.

The chemical substances listed in table above are the 53 SVHC included in candidate list promulgated by European Chemicals Agency (ECHA) before and on Jun 20, 2011, which are defined in Article 57 of REACH Regulation (EC1907/2006).

REACH requirement: As per Article 33(1) of the REACH Regulation (EC1907/2006), recipients of product must be provided with information of safe use if any of the tested substances (SVHC) exceeded 0.1%(w/w). A product meets the requirement of Article 33(1) by default when no SVHC exceeds 0.1%(w/w).

Date sample received : Oct 18, 2011
Testing period : Oct 18, 2011 to Oct 25, 2011

End of report

