



**Test Report No. F690501/LF-CTSGP06-24775**

Date: September 28, 2006

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To: **KUMHO PETROCHEMICAL**  
15-16 Fl. Kumho Bldg. 57  
Shinmunro1-ga  
Jongno-gu  
Seoul 110-061  
Korea

The following merchandise was submitted and identified by the client as :

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**Commodity** : KSL 341  
**SGS File No.** : GP06-24775  
**Received Date** : September 20, 2006  
**Test Performing Date** : September 21, 2006  
**Test Performed** : SGS Testing Korea tested the sample(s) selected by applicant with following results  
**Test Results** : For further details, please refer to following page(s)

Jade Jang  
Monet Jeong  
Jully Oh  
Jerry Jung  
/Testing Person

SGS Testing Korea Co. Ltd.

Jeff Jang / Chemical Lab Mgr

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**Sample No.** : GP06-24775.001  
**Sample Description** : KSL 341  
**Style/Item No.** : N/A  
**Comments** : Material is SB latex.

**Heavy Metals**

| Test Items                  | Unit  | Test Method                                 | MDL | Results |
|-----------------------------|-------|---|-----|---------|
| Cadmium (Cd)                | mg/kg | US EPA 3050B(1996), US EPA 6010B(1996), ICP | 0.5 | N.D.    |
| Lead (Pb)                   | mg/kg | US EPA 3050B(1996), US EPA 6010B(1996), ICP | 5   | N.D.    |
| Mercury (Hg)                | mg/kg | US EPA 3052(1996), US EPA 6010B(1996), ICP  | 2   | N.D.    |
| Hexavalent Chromium (Cr VI) | mg/kg | US EPA 3060A(1996), US EPA 7196A(1992), UV  | 1   | N.D.    |

**Flame Retardants-PBBs/PBDEs**

| Test Items               | Unit  | Test Method         | MDL | Results |
|--------------------------|-------|---------------------|-----|---------|
| Monobromobiphenyl        | mg/kg | US EPA 3540C, GC/MS | 5   | N.D.    |
| Dibromobiphenyl          | mg/kg | US EPA 3540C, GC/MS | 5   | N.D.    |
| Tribromobiphenyl         | mg/kg | US EPA 3540C, GC/MS | 5   | N.D.    |
| Tetrabromobiphenyl       | mg/kg | US EPA 3540C, GC/MS | 5   | N.D.    |
| Pentabromobiphenyl       | mg/kg | US EPA 3540C, GC/MS | 5   | N.D.    |
| Hexabromobiphenyl        | mg/kg | US EPA 3540C, GC/MS | 5   | N.D.    |
| Heptabromobiphenyl       | mg/kg | US EPA 3540C, GC/MS | 5   | N.D.    |
| Octabromobiphenyl        | mg/kg | US EPA 3540C, GC/MS | 5   | N.D.    |
| Nonabromobiphenyl        | mg/kg | US EPA 3540C, GC/MS | 5   | N.D.    |
| Decabromobiphenyl        | mg/kg | US EPA 3540C, GC/MS | 5   | N.D.    |
| Monobromodiphenyl ether  | mg/kg | US EPA 3540C, GC/MS | 5   | N.D.    |
| Dibromodiphenyl ether    | mg/kg | US EPA 3540C, GC/MS | 5   | N.D.    |
| Tribromodiphenyl ether   | mg/kg | US EPA 3540C, GC/MS | 5   | N.D.    |
| Tetrabromodiphenyl ether | mg/kg | US EPA 3540C, GC/MS | 5   | N.D.    |
| Pentabromodiphenyl ether | mg/kg | US EPA 3540C, GC/MS | 5   | N.D.    |
| Hexabromodiphenyl ether  | mg/kg | US EPA 3540C, GC/MS | 5   | N.D.    |
| Heptabromodiphenyl ether | mg/kg | US EPA 3540C, GC/MS | 5   | N.D.    |
| Octabromodiphenyl ether  | mg/kg | US EPA 3540C, GC/MS | 5   | N.D.    |
| Nonabromodiphenyl ether  | mg/kg | US EPA 3540C, GC/MS | 5   | N.D.    |
| Decabromodiphenyl ether  | mg/kg | US EPA 3540C, GC/MS | 5   | N.D.    |

**Phthalates**

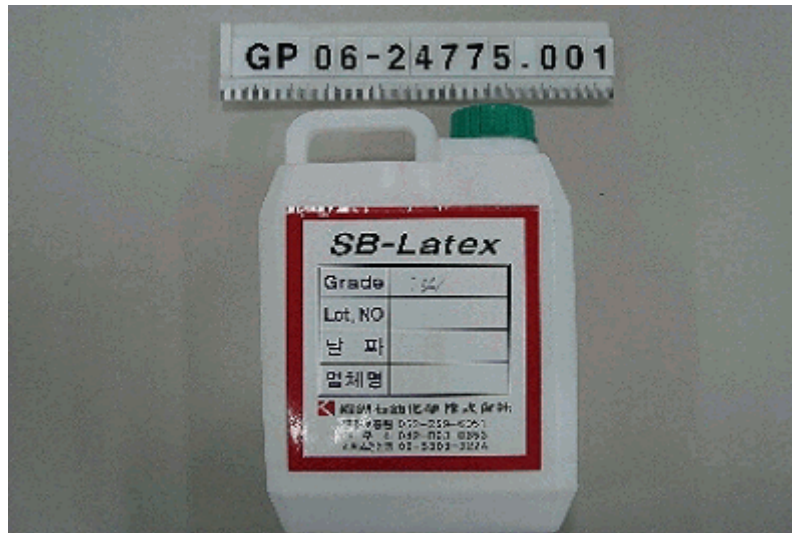
- NOTE: (1) N.D. = Not detected.(<MDL)  
(2) ppm = mg/kg  
(3) MDL = Method Detection Limit  
(4) - = No regulation  
(5) \*\* = Qualitative analysis (No Unit)  
(6) Negative = Undetectable / Positive = Detectable

**Sample No.** : GP06-24775.001  
**Sample Description** : KSL 341  
**Style/Item No.** : N/A  
**Comments** : Material is SB latex.

**Phthalates**

| Test Items                      | Unit  | Test Method          | MDL | Results |
|---------------------------------|-------|----------------------|-----|---------|
| Di(ethylhexyl) Phthalate (DEHP) | mg/kg | US EPA 8061A , GC/MS | 50  | N.D.    |
| Di-iso-decyl Phthalate (DIDP)   | mg/kg | US EPA 8061A , GC/MS | 50  | N.D.    |
| Di-n-octyl Phthalate (DNOP)     | mg/kg | US EPA 8061A , GC/MS | 50  | N.D.    |
| Dibutyl Phthalate (DBP)         | mg/kg | US EPA 8061A , GC/MS | 50  | N.D.    |
| Butyl Benzyl Phthalate (BBP)    | mg/kg | US EPA 8061A , GC/MS | 50  | N.D.    |
| Di-isononyl Phthalate (DINP)    | mg/kg | US EPA 8061A , GC/MS | 50  | N.D.    |

Picture of Sample as Received:



\*\*\* End \*\*\*

- NOTE:
- (1) N.D. = Not detected.(<MDL)
  - (2) ppm = mg/kg
  - (3) MDL = Method Detection Limit
  - (4) - = No regulation
  - (5) \*\* = Qualitative analysis (No Unit)
  - (6) Negative = Undetectable / Positive = Detectable