

ISA540 INTERSTORES ALKYD TOPCOAT SURF GREY

1

08/30/13

1.

1.1. INTERSTORES ALKYD TOPCOAT SURF GREY
ISA540

1.2.

1.3.

International Paint Singapore Pte Ltd
3 Neythal Road
Jurong Town
Singapore 628570

+65 6261 5033

+65 6264 4612

1.4.

+65 6261 5033

2.

2.1. 3; H226

2;H411

2.2. 11 , 12



H226

H411

[]:
P210 / / /
P260 / /

P262 , , .

P273

P280 / / /

[]:

P301+310 : /

P303+361+353 () :

P331

P370 :

P378 , , ,

P391

[]:

P403+233 가

[]:

P501 ()

2.3. PBT (,) vPvB (,)

3.

/	%	GHS	
White spirits CAS No: 0064742-82-1	40-50	1;H304 - 2;H411 3; H226	[1]
Alkyd resin CAS No: 0101377-55-3	30-40		[1]
Cobalt carboxylate CAS No: 0013586-82-8	<1	- 4;H302 / 2;H315 1;H317 - 2;H411	[1]
Methyl ethyl ketoxime CAS No: 0000096-29-7	<1	2;H351 - 4;H312 / 1;H318 1;H317	[1]

- 1)
- 2) 가
- 3) PBT vPvB 16 가 , 가

4.

4.1.

가

가

4.2. 가 /

4.3.

5. ,

5.1.

; , , , .

Note; 가

가

5.2.

가

5.3.

가

가

6.

6.1.

가 가 가 , 가

6.2.

가

6.3.

.8

, , 가 .(13 .)

가

가

가

가

7.

7.1.

가

가 (LEL)

(OEL)

가

가

가 (LEL)

(OEL)

7.2.

()

, 8

가

1

가

7.3. Specific end use(s)

가

, 가

. 3

Hot surfaces, Sparks,

가

(60%)

8.

8.1.

(OEL)

(ACGIH)

(ACGIH)

ppm mg/m³ ppm mg/m³

Barium Sulphate	-	-	-	10
Calcium carbonate	-	-	-	10
Titanium dioxide	-	-	-	10

(P) (Peak exposure limit)

(R)

(Sk)

(Sen)

(Cat 1)

(Cat 2) 가

(Cat 3)

DNEL/PNEC

8.2.

가

가

(visor)

(overall)

가

가

가

가

pH / (°C) (°C) 137 44
(= 1)
(,) / : .8 (White spirits)
 : 8 (White spirits)
(Pa)
1.03

n- / (Log Kow)

9.2.

10.

10.1.

10.2. .(Section 7) , ,

가 , .

10.3. 가 : , , .

10.4. . (7)

10.5. : , , .

10.6. 가 . : , , , , .

11.

(OEL)

	LD50, mg/kg	LD50, mg/kg	LD50, mg/L/4hr	/ LD50, mg/L/4hr
Alkyd resin - (101377-55-3)				
Cobalt carboxylate - (13586-82-8)				
Methyl ethyl ketoxime - (96-29-7)	930.00,	2,000.00,	20.00,	
White spirits - (64742-82-1)	5,000.00,	3,160.00,		

()		
()		
()		
/		
/		
(1)		
()		

12.

12.1.

Dangerous Preparations Directive 1999/45/EC

가
(3)

가

	96 hr LC50 mg/l	49 hr EC50 mg/l	ErC50 mg/l
White spirits - (64742-82-1)	100.00, Fish (Piscis)	2.60, Chaetogammarus marinus	
Alkyd resin - (101377-55-3)			
Cobalt carboxylate - (13586-82-8)			
Methyl ethyl ketoxime - (96-29-7)	320.00, Leuciscus	500.00, Daphnia magna	83.00 (72 hr), Scenedesmus

12.2.

가 .

12.3.

12.4.

12.5.

, 가
PBT (,) vPvB (,) .

12.6.

13.

13.1.

가

14.

14.1.

1263

14.2.

14.3.

1263, , 3, III, 3[Y]

IMDG

Class/Div. 3

EmS

F-E,S-E

ICAO/IATA

3

14.4.

III

14.5.

:

IMDG

: (Naphtha (petroleum), hydrodesulfurized heavy)

14.6.

가

가

14.7.

MARPOL73/78 Annex II IBC Code .

15.

None noted.

16.

SDS

Section 3

Phrases

H226

H304

H315

H319

H332

H335

H411

SDS



Akzo Nobel

가