

EK5040H INTERGARD 621 DARK GREY PART A

1

08/30/13

1.
1.1. INTERGARD 621 DARK GREY PART A
 EK5040H

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. .

2.2.

11 , 12

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2.3. .

3.

/	%	GHS	
Epoxy resin (av.mol.wt.<700)	20-30	/ 2;H319	[1]
CAS No:		/ 2;H315	
		1;H317	

		- 2;H411	
xylene CAS No: 0001330-20-7	5-10	3; H226 - 4;H332 - 4;H312 / 2;H315	[1][2]
Methyl isoamyl ketone CAS No: 0000110-12-3	2.5-5	3; H226 - 4;H332	[1][2]
Titanium dioxide CAS No: 0013463-67-7	2.5-5		[1][2]
Methyl isobutyl ketone CAS No: 0000108-10-1	1-2.5	2;H225 - 4;H332 / 2;H319 -1 ;H335	[1][2]
Ethylbenzene CAS No: 0000100-41-4	1-2.5	2;H225 - 4;H332	[1][2]

- 1)
 - 2) 가
 - 3) PBT vPvB
16
- 가 , 가
가 .

4.

4.1.

4.2. 가 /

4.3.

5. ,

5.1.

5.2.

5.3.

6.

6.1.

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6.3.

7.

7.1.

7.2. ()

7.3. Specific end use(s)

8.

8.1. , (OEL) (ACGIH)

	(ACGIH)			
	ppm	mg/m ³	ppm	mg/m ³
carbon black	-	-	-	3.5
Ethylbenzene	125	543	100	434
Methyl isoamyl ketone	-	-	50	234
Methyl isobutyl ketone	75	307	50	205
Talc	-	-	-	2
Titanium dioxide	-	-	-	10
xylene	150	651	100	434

(P) (Peak exposure limit)

(R)

(Sk)

(Sen)

(Cat 1)

(Cat 2) 가

(Cat 3)

DNEL/PNEC

8.2.

9.

pH / (°C)
(°C)
(= 1)
(,) / : 1.05 (Methyl isoamyl ketone)
(Pa) : 6.6 (xylene)
0.00

n- / (Log Kow)

9.2.

10.

- 10.1.
- 10.2.
- 10.3. 가
- 10.4.
- 10.5.
- 10.6.

11.

	LD50, mg/kg	LD50, mg/kg	LD50, mg/L/4hr	/ LD50, mg/L/4hr
Epoxy resin (av.mol.wt.<700) - ()	2,000.00,	2,000.00,		
Ethylbenzene - (100-41-4)	3,500.00,	15,433.00,	17.20,	
Methyl isoamyl ketone - (110-12-3)				

	3,200.00,	8,110.00,		
Methyl isobutyl ketone - (108-10-1)	2,080.00,	16,000.00,		
Titanium dioxide - (13463-67-7)	10,000.00,	10,000.00,		6.82,
xylene - (1330-20-7)	4,299.00,	1,548.00,		20.00,

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/		
/		
(1)		
()		

12.

12.1.

	96 hr LC50 mg/l ,	49 hr EC50 mg/l ,	ErC50 mg/l ,
Epoxy resin (av.mol.wt.<700) - ()	3.10, Pimephales promelas	1.40, Daphnia magna	
xylene - (1330-20-7)	3.30, Oncorhynchus mykiss	8.50, Palaemonetes pugio	100.00 (72 hr), Chlorococcales
Methyl isoamyl ketone - (110-12-3)	159.00, Pimephales promelas	560.00, Daphnia magna	920.00 (72 hr), Chlorococcales
Titanium dioxide - (13463-67-7)	1,000.00, Fundulus heteroclitus	5.50, Daphnia magna	5.83 (72 hr), Pseudokirchneriella subcapitata
Methyl isobutyl ketone - (108-10-1)	505.00, Pimephales promelas	1,550.00, Daphnia magna	980.00 (48 hr), Scenedesmus subspicatus
Ethylbenzene - (100-41-4)	4.20, Oncorhynchus mykiss	2.93, Daphnia magna	3.60 (96 hr), Pseudokirchneriella subcapitata

12.2.

12.3.

12.4.

12.5. , , 가

12.6.

13.

13.1.

14.

14.1.

14.2.

14.3.

IMDG Class/Div.

EmS

ICAO/IATA

14.4.

14.5.

:

IMDG

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14.6. 가

가

14.7.

MARPOL73/78 Annex II IBC Code

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15.

16.

SDS

Section 3

Phrases

H225

H226

H312

H315

H317

H319

H332

H335

H336

H372

H411

SDS



Akzo Nobel

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