

EHA702 INTERGARD 7020 ALUMINIUM RED PART A

1

09/07/13

1.

1.1. INTERGARD 7020 ALUMINIUM RED PART A
EHA702

1.2.

1.3.

International Paint Singapore Pte Ltd
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Singapore 628570

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+65 6264 4612

1.4.

+65 6261 5033

2.

- 2.1.** .
 - 3; H226
 - 3;H301
 - 3;H311
 - 3;H331
- /
- 2;H315
- /
- 2;H319
- 1;H317
- 1B;H350

2.2.

11 , 12



H226
H301
H311
H315
H317
H319
H331
H350

[]:

P201
P202
P210 / / /
P261 / /가 / / /
P264
P270
P271 가
P272
P273
P280 / / /

[]:

P301+310 : /
P302+352 :
P303+361+353 () :
/
P304+312 : /
P305+351+338 가 : .가
-
P308+313 : /
P311 /
P321 ().
P322 ().
P330
P333 :
P337 :
P340 가
P362
P363
P370 :
P378 , , ,

[]:

P403+233 가
P405 가

[]:

P501 ()
2.3.
PBT (,) vPvB (,)

/	%	GHS	
Fatty Acids, C18-unsaturated, Polymers with Bisphenol A and epichlorohydrin CAS No: 0067989-52-0	20-30	/ 2;H319 -1 ;H335 1;H317 - 2;H411	[1]
Epoxy resin (av.mol.wt.<700) CAS No: 0025068-38-6	10-20	/ 2;H319 / 2;H315 1;H317 - 2;H411	[1]
xylene CAS No: 0001330-20-7	10-20	3; H226 - 4;H332 - 4;H312 / 2;H315	[1][2]
Cardenol CAS No: 0008007-24-7	2.5-5		[1]
Aluminium, alkyls CAS No: 0007429-90-5	1-2.5	Water react. 2;H261 H250	[1][2]
n-Butanol CAS No: 0000071-36-3	1-2.5	3; H226 - 4;H302 -1 ;H335 / 2;H315 / 1;H318 -1 ;H336	[1][2]
polyamide dispersion CAS No: 0055349-01-4	<1	1;H317 - 4;H413	[1]
Methanol CAS No: 0000067-56-1	<1	2;H225 - 3;H331 - 3;H311 - 3;H301 -1 1;H370	[1][2]

1)

2) 가

3) PBT vPvB
16

가 , 가
가

4.

4.1.

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4.2. 가 /

4.3.

5. ,

5.1.

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Note; 가

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5.2.

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5.3.

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6.

6.1.

가 가 가 , 가

6.2.

가

6.3.

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, , 가 . (13 .)

가

가

, 가 , 가

7.

7.1.

가
, 가 (LEL) (OEL)

가

가
, 가 (LEL) (OEL)

7.2. ()

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, 8

가 , 가
가 , 1 가

7.3. Specific end use(s)

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, 가 . 3

Hot surfaces, Sparks,

가 (60% ,)

8.

8.1. , (OEL) (ACGIH)

(ACGIH)

ppm mg/m³ ppm mg/m³

Aluminium, alkyls - - - 2

Barium Sulphate	-	-	-	10
Iron oxide	-	-	-	5
Methanol	250	328	200	262
n-Butanol	50	152	-	-
xylene	150	651	100	434

(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

pH

/ (°C)

(°C)

65

35

(= 1)

(,)

/

: 1.1 (xylene)

: 6.6 (xylene)

(Pa)

1.49

n-

/

(Log Kow)

9.2.

10.

10.1.

10.2.

.(Section 7)

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10.3.

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10.4.

.(7 .)

10.5.

10.6.

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11.

(OEL)

Data

	LD50, mg/kg	LD50, mg/kg	LD50, mg/L/4hr	/ LD50, mg/L/4hr
Aluminium, alkyls - (7429-90-5)				
Cardenol - (8007-24-7)	2,000.00,			
Epoxy resin (av.mol.wt.<700) - (25068-38-6)	2,000.00,	2,000.00,		
Fatty Acids, C18-unsaturated, Polymers with Bisphenol A and epichlorohydrin - (67989-52-0)				
Methanol - (67-56-1)	5,628.00,	15,800.00,	85.00,	
n-Butanol - (71-36-3)	2,292.00,	3,430.00,		
polyamide dispersion - (55349-01-4)				
xylene - (1330-20-7)	4,299.00,	1,548.00,		20.00,

()	3	
()	3	
()	3	
/	2	
/	2	
	1	
	1B	
(1)		
()		

12.

12.1.

Dangerous Preparations Directive 1999/45/EC

가
(3)

	96 hr LC50 mg/l	49 hr EC50 mg/l	ErC50 mg/l
Fatty Acids, C18-unsaturated, Polymers with Bisphenol A and epichlorohydrin - (67989-52-0)			
Epoxy resin (av.mol.wt.<700) - (25068-38-6)	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
Cardenol - (8007-24-7)			
Aluminium, alkyls - (7429-90-5)	0.12, Oncorhynchus mykiss	3.50, Daphnia magna	
n-Butanol - (71-36-3)	1,376.00, Pimephales promelas	1,328.00, Daphnia magna	500.00 (96 hr), Scenedesmus subspicatus
polyamide dispersion - (55349-01-4)			
Methanol - (67-56-1)	100.00, Pimephales promelas	10,000.00, Daphnia magna	16.912 (96 hr), Ulva pertusa

12.2.

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12.3.

12.4.

12.5. , 가

PBT (,) vPvB (,) .

12.6.

13.

13.1.

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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 :

14.6. 가 가

14.7. MARPOL73/78 Annex II IBC Code .

15.

None noted.

16.

SDS

Section 3 Phrases

- H226
- H302
- H312
- H315
- H317
- H318
- H319
- H332
- H335
- H336
- H372
- H411

This SDS is valid for 5 years from the revised date on page 1.

