

FAL274 INTERGARD 263 RED PART A

1

08/30/13

1.

1.1. INTERGARD 263 RED PART A
FAL274

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;H315
/
2;H319
1;H317
-
2;H411

2.2.
11 , 12



H315
H317
H319
H411

[]:

P210 / / /
P260 / /
P261 / /가 / / /
P262 , ,
P264
P272
P273
P280 / / /

[]:

P301+310 : /
P302+352 :
P303+361+353 () :
/
P305+351+338 가 : .가
P321 ().
P331
P333+313 /
P337 :
P362
P363
P370 :
P378 , , ,
P391

[]:

P403+233 가

[]:

P501 ()

2.3. PBT (,) vPvB (,)

3.

/	%	GHS	
Solvent naphtha (petroleum), light aromatic CAS No: 0064742-95-6	10-20	1;H304	[1]
Epoxy resin (av.mol.wt.<700) CAS No: 0025068-38-6	5-10	/ 2;H319 / 2;H315 1;H317 - 2;H411	[1]
1,2,4-trimethylbenzene CAS No: 0000095-63-6	5-10	3; H226 - 4;H332 / 2;H319 -1 ;H335 / 2;H315	[1][2]

		- 2;H411	
Iron(III) oxide CAS No: 0001332-37-2	2.5-5		[1]
Benzyl alcohol CAS No: 0000100-51-6	2.5-5	- 4;H332 - 4;H302	[1]
1,3,5-trimethylbenzene CAS No: 0000108-67-8	1-2.5	3; H226 -1 ;H335 - 2;H411	[1]

- 1)
- 2) 가
- 3) PBT vPvB
16 가 , 가

4.

4.1.

가

가

10

4.2. 가 /

4.3.

5. ,

5.1.

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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

7.

7.1.

가

가 (LEL)

(OEL)

가

가

가 (LEL)

(OEL)

7.2.

()

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

- (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

9.

pH

/ (°C)

(°C)

165

45

(= 1)

(,)

/

:

: 7 (Solvent naphtha (petroleum), light

aromatic)

(Pa)

1.54

n-

/

(Log Kow)

9.2.

10.

10.1.

10.2.

.(Section 7)

10.3.

가

가

10.4.

(7 .)

10.5.

10.6.

가

11.

(OEL)

가

Data

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2

	LD50, mg/kg	LD50, mg/kg	LD50, mg/L/4hr	/ LD50, mg/L/4hr
1,2,4-trimethylbenzene - (95-63-6)	3,400.00,	3,160.00,	18.00,	
1,3,5-trimethylbenzene - (108-67-8)			24.00,	
Benzyl alcohol - (100-51-6)	1,230.00,	2,000.00,		4.178,
Epoxy resin (av.mol.wt.<700) - (25068-38-6)	2,000.00,	2,000.00,		
Iron(III) oxide - (1332-37-2)				
Solvent naphtha (petroleum), light aromatic - (64742-95-6)	6,800.00,	3,400.00,		

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()		
/	2	
/	2	
	1	

(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
Solvent naphtha (petroleum), light aromatic - (64742-95-6)	9.22, Oncorhynchus mykiss	6.14, Daphnia magna	19.00 (72 hr), Selenastrum capricornutum
Epoxy resin (av.mol.wt.<700) - (25068-38-6)	3.10, Pimephales promelas	1.40, Daphnia magna	
1,2,4-trimethylbenzene - (95-63-6)	7.72, Pimephales promelas	3.60, Daphnia magna	
Iron(III) oxide - (1332-37-2)			
Benzyl alcohol - (100-51-6)	10.00, Lepomis macrochirus	55.00, Daphnia magna	700.00 (72 hr),
1,3,5-trimethylbenzene - (108-67-8)	12.52, Carassius auratus	6.00, Daphnia magna	25.00 (48 hr), Scenedesmus subspicatus

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 : (Solvent naphtha (petroleum), light aromatic)

14.6. 가 가

14.7. MARPOL73/78 Annex II IBC Code .

15.

None noted.

16.

SDS

Section 3 Phrases

H226

H302

H304

H315

H317

H319

H332

H335

H411

SDS



Akzo Nobel

가