

EVA046 INTERGARD 475HS PART B TROPICAL

1

08/30/13

1.

1.1. INTERGARD 475HS PART B TROPICAL
EVA046

1.2.

1.3.

International Paint Singapore Pte Ltd
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+65 6261 5033

+65 6264 4612

1.4.

+65 6261 5033

2.

2.1. 3; H226
/ 2;H315

2.2. 11 , 12



H226
H315
H402

[]:
P210 / / /

P264

P273

P280 / / /

[]:

P302+352 :

P303+361+353 () :

P321 () .

P362

P370 :

P378 , , ,

[]:

P403+233 가

[]:

P501 ()

2.3. PBT (,) vPvB (,)

3.

/	%	GHS	
Fatty acids, C18-unsatd. polymers with, dimers, fatty acids, tal CAS No: 0106906-26-7	10-20		[1]
xylene CAS No: 0001330-20-7	10-20	3; H226 - 4;H332 - 4;H312 / 2;H315	[1][2]
Benzyl alcohol CAS No: 0000100-51-6	5-10	- 4;H332 - 4;H302	[1]
2,4,6-Tris(dimethylaminomethyl)phenol CAS No: 0000090-72-2	1-2.5	- 4;H302 / 2;H319 / 2;H315	[1]
Triethylenetetramine CAS No: 0000112-24-3	<1	- 4;H312 / 1B;H314 1;H317 - 3;H412	[1]
Tetraethylenepentamine CAS No: 0000112-57-2	<1	- 4;H312 - 4;H302 / 1B;H314 1;H317 - 2;H411	[1]

- 1)
- 2) 가
- 3) PBT vPvB 16 가

4.

4.1.

가

가

10

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.

, , 가 . (13 .)

가

가

, 가 , 가

7.

7.1.

가

, 가 (LEL) (OEL)

가

가

, 가 (LEL) (OEL)

7.2. ()

: , , .

,8

가 , 가

가 , 61
1

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

Calcium carbonate

-

-

-

10

xylene

150

651

100

434

(P) (Peak exposure limit)

(R)

(Sk)

(Sen)

(Cat 1)

(Cat 2)

(Cat 3)

가

DNEL/PNEC

8.2.

가

가

(visor)

(overall)

가

가

가

가

가

가

가

2

	LD50, mg/kg	LD50, mg/kg	LD50, mg/L/4hr	/ LD50, mg/L/4hr
2,4,6-Tris(dimethylaminomethyl)phenol - (90-72-2)	1,200.00,	1,280.00,		
Benzyl alcohol - (100-51-6)	1,230.00,	2,000.00,		4.178,
Fatty acids, C18-unsatd. polymers with, dimers, fatty acids, tal - (106906-26-7)				
Tetraethylenepentamine - (112-57-2)	2,140.00,			
Triethylenetetramine - (112-24-3)	2,780.00,	550.00,		
xylene - (1330-20-7)	4,299.00,	1,548.00,		20.00,

()		
()		
()		
/	2	
/		
(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

Fatty acids, C18-unsatd. polymers with, dimers, fatty acids, tal - (106906-26-7)			
xylene - (1330-20-7)	3.30, Oncorhynchus mykiss	8.50, Palaemonetes pugio	100.00 (72 hr), Chlorococcales
Benzyl alcohol - (100-51-6)	10.00, Lepomis macrochirus	55.00, Daphnia magna	700.00 (72 hr),
2,4,6-Tris(dimethylaminomethyl)phenol - (90-72-2)			
Triethylenetetramine - (112-24-3)	495.00, Pimephales promelas	33.90, Daphnia magna	20.00 (72 hr), Selenastrum capricornutum
Tetraethylenepentamine - (112-57-2)	420.00, Poecilia reticulata	24.00, Daphnia magna	2.00 (72 hr), Pseudokirchneriella subcapitata

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

14.6. 가

가

14.7.

MARPOL73/78 Annex II IBC Code

15.

None noted.

16.

SDS

Section 3

Phrases

H226

H302

H312

H315

H319

H332

H336

H372

SDS



Akzo Nobel

가