

QHA285 INTERZINC 22 GREENISH GREY PART A

1

08/31/13

1.

1.1. INTERZINC 22 GREENISH GREY PART A
QHA285

1.2.

1.3.

International Paint Singapore Pte Ltd
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Jurong Town
Singapore 628570

+65 6261 5033

+65 6264 4612

1.4.

+65 6261 5033

2.

2.1. .
2;H225
- 4;H312
/
2;H315
/
2;H319
-1 ;H336

2.2.

11 , 12



H225

H312

H315
H319
H336
H402

[]:

P210 / / /
P261 / /가 / / /
P264
P271 가
P273
P280 / / /

[]:

P302+352 :
P303+361+353 () :
/
P304+312 : /
P305+351+338 가 : .가
P312 /
P321 ().
P322 ().
P337+313 : /
P340 가
P362
P363
P370 :
P378 , , ,

[]:

P403+233 가
P405 가

[]:

P501 ()

2.3. PBT (,) vPvB (,)

3.

/	%	GHS	
Propylene glycol mono methyl ether CAS No: 0000107-98-2	20-30	3; H226 -1 ;H336	[1][2]
xylene CAS No: 0001330-20-7	10-20	3; H226 - 4;H332 - 4;H312 / 2;H315	[1][2]
2-Butoxyethanol CAS No: 0000111-76-2	10-20	- 4;H332 - 4;H312 - 4;H302 / 2;H319 / 2;H315	[1][2]
Tetraethyl orthosilicate	5-10	3; H226	[1][2]

CAS No: 0000078-10-4		- 4;H332 / 2;H319 -1 ;H335	
Bentonite CAS No: 0001302-78-9	1-2.5		[1]
Hydrochloric acid CAS No: 0007647-01-0	<1	가 ;H280 - 3;H331 / 1A;H314	[1][2]
2-Methoxy-1-propanol CAS No: 0001589-47-5	<1	3; H226 1B;H360D -1 ;H335 / 2;H315 / 1;H318	[1]

- 1)
- 2) 가
- 3) PBT vPvB
16 가 , 가
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.

.8

가

가

(13 .)

가

가

7.

7.1.

가

가 (LEL)

(OEL)

가

가

가 (LEL)

(OEL)

7.2. ()

, 8

가 , 가
. AS/NZS 1940(가)

가 , 1

7.3. Specific end use(s)

가
, 가 . 3

Hot surfaces, Sparks,

가 (60% ,)

8.

8.1. ,
(OEL) (ACGIH)

(ACGIH)

	ppm	mg/m ³	ppm	mg/m ³
2-Butoxyethanol	-	-	25	121
Propylene glycol mono methyl ether	150	553	100	369
Water				
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

가

9.

pH

/ (°C)

(°C)

117

19

(= 1)

(,)

/

: 1.1 (2-Butoxyethanol)

: 6.6 (xylene)

(Pa)

1.09

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

가

가

2

	LD50, mg/kg	LD50, mg/kg	LD50, mg/L/4hr	/ LD50, mg/L/4hr
2-Butoxyethanol - (111-76-2)	470.00,	220.00,		
2-Methoxy-1-propanol - (1589-47-5)				
Bentonite - (1302-78-9)				
Hydrochloric acid - (7647-01-0)	900.00,	5,010.00,		
Propylene glycol mono methyl ether - (107-98-2)	5,000.00,	13,000.00,		
Tetraethyl orthosilicate - (78-10-4)	6,270.00,	5,878.00,		
xylene - (1330-20-7)	4,299.00,	1,548.00,		20.00,

()		
()	4	
()		
/	2	
/	2	
(1)	3	
()		

12.

12.1. 1999/45/EC 가 ,
가

	96 hr LC50 , mg/l	49 hr EC50 , mg/l	ErC50 , mg/l
Propylene glycol mono methyl ether - (107-98-2)	1,000.00, Oncorhynchus mykiss	500.00, Daphnia magna	1,000.00 (96 hr), Selenastrum capricornutum
xylene - (1330-20-7)	3.30, Oncorhynchus mykiss	8.50, Palaemonetes pugio	100.00 (72 hr), Chlorococcales
2-Butoxyethanol - (111-76-2)	220.00, Fish (Piscis)	1,000.00, Daphnia magna	
Tetraethyl orthosilicate - (78-10-4)			
Bentonite - (1302-78-9)			
Hydrochloric acid - (7647-01-0)	282.00, Gambusia affinis	260.00, Crangon crangon	
2-Methoxy-1-propanol - (1589-47-5)			

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.

UN1263, Paint, CLASS 3, PG II, HAZCHEM *3YE

IMDG Class/Div. 3

EmS F-E,S-E

ICAO/IATA 3

14.4. II

14.5.

:

IMDG :

14.6. 가 가

14.7. MARPOL73/78 Annex II IBC Code .

15.

None noted.

16.

SDS

H226

H302

H312

H315

H319

H332

H335

H336

H372

SDS



Akzo Nobel

가