

EBA408 INTERCURE 420 MIO LIGHT GREY PART A

1

08/30/13

1.

1.1. INTERCURE 420 MIO LIGHT GREY PART A
EBA408

1.2.

1.3.

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Singapore 628570

+65 6261 5033

+65 6264 4612

1.4.

+65 6261 5033

2.

2.1. .
3; H226
/
2;H315
/
1;H318
1;H317

2.2.

11 , 12



H226
H315
H317

H318

H412

[]:

P210 / / /

P261 / /가 / / /

P264

P272

P273

P280 / / /

[]:

P302+352 :

P303+361+353 () :

P305+351+338 가 : .가

P310 /

P321 ().

P333+313 /

P362

P363

P370 :

P378 , , ,

[]:

P403+233 가

[]:

P501 ()

2.3.

PBT (,) vPvB (,)

3.

/	%	GHS	
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	5-10	3; H226 - 4;H332 - 4;H312 / 2;H315	[1][2]
Propylene glycol mono methyl ether CAS No: 0000107-98-2	5-10	3; H226 -1 ;H336	[1][2]
Bisphenol F epoxy resin (av.mol.wt.<700) CAS No: 0028064-14-4	2.5-5	/ 2;H315 / 2;H319 1;H317 - 2;H411	[1]
n-Butanol CAS No: 0000071-36-3	2.5-5	3; H226 - 4;H302 -1 ;H335 / 2;H315 / 1;H318 -1 ;H336	[1][2]

- 1)
- 2)
- 3) PBT

가
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 . (13 .)

가 .

가 .

, 가 , 가 . ,

7.

7.1.

가 .

, 가 (LEL) (OEL)

가 .

가 .

, 가 (LEL) (OEL)

7.2. ()

: , , .

,8

가 , 가 .

61

가 , 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

n-Butanol

50

152

-

-

Propylene glycol mono methyl ether

150

553

100

369

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.

가

가

(visor)

(overall)

가

가

.가

가

9.

pH

/ (°C)

(°C)

116

29

(= 1)

(,)

/

: 1.4 (n-Butanol)

: 6.6 (xylene)

(Pa)

1.88

n-

/

(Log Kow)

9.2.

10.

10.1.

10.2.

.(Section 7)

10.3. 가 가

10.4.

10.5.

10.6.

11.

(OEL)

가

Data

가

2

	LD50, mg/kg	LD50, mg/kg	LD50, mg/L/4hr	/ LD50, mg/L/4hr
Bisphenol F epoxy resin (av.mol.wt.<700) - (28064-14-4)	2,000.00,			
Epoxy resin (av.mol.wt.<700) - (25068-38-6)	2,000.00,	2,000.00,		
n-Butanol - (71-36-3)	2,292.00,	3,430.00,		
Propylene glycol mono methyl ether - (107-98-2)	5,000.00,	13,000.00,		
xylene - (1330-20-7)	4,299.00,	1,548.00,		20.00,

()		
()		
()		
/	2	
/	1	
	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 ,
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
Propylene glycol mono methyl ether - (107-98-2)	1,000.00, Oncorhynchus mykiss	500.00, Daphnia magna	1,000.00 (96 hr), Selenastrum capricornutum
Bisphenol F epoxy resin (av.mol.wt.<700) - (28064-14-4)	9.00, Oncorhynchus mykiss	9.00, Daphnia magna	
n-Butanol - (71-36-3)	1,376.00, Pimephales promelas	1,328.00, Daphnia magna	500.00 (96 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 :

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

SDS



Akzo Nobel

가