

EPA211 INTERCURE 200HS PART B

1

08/30/13

1.
1.1. INTERCURE 200HS PART B
EPA211

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. .

2.2.

11 , 12

[]:

[]:

[]:

[]:

2.3. .

3.

/	%	GHS	
Cashew, nutshell liq., polymd., polymer with bisphenol A, epichlorohydrin, ethylenediamine and formaldehyde	50-60		[1]

CAS No:			
xylene CAS No: 0001330-20-7	20-30	3; H226 - 4;H332 - 4;H312 / 2;H315	[1][2]
n-Butanol CAS No: 0000071-36-3	5-10	3; H226 - 4;H302 -1 ;H335 / 2;H315 / 1;H318 -1 ;H336	[1][2]
2,4,6-Tris(dimethylaminomethyl)phenol CAS No: 0000090-72-2	2.5-5	- 4;H302 / 2;H319 / 2;H315	[1]
Benzyl alcohol CAS No: 0000100-51-6	2.5-5	- 4;H332 - 4;H302	[1]
Ethylbenzene CAS No: 0000100-41-4	1-2.5	2;H225 - 4;H332	[1][2]
Ethanediamine CAS No: 0000107-15-3	<1	3; H226 - 4;H312 - 4;H302 / 1B;H314 1;H334 1;H317	[1][2]

- 1)
2) 가
3) PBT vPvB
16 가 , 가
가 .

4.

4.1.

4.2. 가 /

4.3.

5. ,

5.1.

5.2.

5.3.

6.

6.1.

6.2.

6.3.

7.

7.1.

7.2. ()

7.3. Specific end use(s)

8.

8.1.

(OEL)

(ACGIH)

(ACGIH)

ppm

mg/m³

ppm

mg/m³

Ethylbenzene

125

543

100

434

n-Butanol

50

152

-

-

xylene

150

651

100

434

(P) (Peak exposure limit)

(R)

(Sk)

(Sen)

(Cat 1)

(Cat 2)

(Cat 3)

가

DNEL/PNEC

8.2.

9.

pH / (°C)
(°C)
(= 1)
(,) / : 1.1 (xylene)
: 6.6 (xylene)
(Pa)
0.00

n- / (Log Kow)

9.2.

10.

- 10.1.
- 10.2.
- 10.3. 가
- 10.4.
- 10.5.
- 10.6.

11.

	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,
Cashew, nutshell liq., polymd., polymer with bisphenol A, epichlorohydrin, ethylenediamine and formaldehyde - ()				

Ethanediamine - (107-15-3)	1,200.00,	560.00,		
Ethylbenzene - (100-41-4)	3,500.00,	15,433.00,	17.20,	
n-Butanol - (71-36-3)	2,292.00,	3,430.00,		
xylene - (1330-20-7)	4,299.00,	1,548.00,		20.00,

()				
()				
()				
/				
/				
(1)				
()				

12.

12.1.

	96 hr LC50 mg/l ,	49 hr EC50 mg/l ,	ErC50 mg/l ,
Cashew, nutshell liq., polymd., polymer with bisphenol A, epichlorohydrin, ethylenediamine and formaldehyde - ()			
xylene - (1330-20-7)	3.30, Oncorhynchus mykiss	8.50, Palaemonetes pugio	100.00 (72 hr), Chlorococcales
n-Butanol - (71-36-3)	1,376.00, Pimephales promelas	1,328.00, Daphnia magna	500.00 (96 hr), Scenedesmus subspicatus
2,4,6-Tris(dimethylaminomethyl)phenol - (90-72-2)			
Benzyl alcohol - (100-51-6)	10.00, Lepomis macrochirus	55.00, Daphnia magna	700.00 (72 hr),
Ethylbenzene - (100-41-4)	4.20, Oncorhynchus mykiss	2.93, Daphnia magna	3.60 (96 hr), Pseudokirchneriella subcapitata
Ethanediamine - (107-15-3)	70.00, Fish (Piscis)	10.00, Daphnia magna	10.00 (72 hr), Selenastrum capricornutum

12.2.

12.3.

12.4.

12.5. , , 가
12.6.

13.

13.1.

14.

14.1.
14.2.
14.3.

IMDG Class/Div.

EmS

ICAO/IATA

14.4.

14.5.

:

IMDG :

14.6. 가 가

14.7. MARPOL73/78 Annex II IBC Code .

15.

16.

SDS

H226

H302

H312

H315

H318

H319

H332

H335

H336

H372

SDS



Akzo Nobel

가