

HTA097 INTERTHERM 50 ALUMINIUM

1

09/08/13

1.

1.1. INTERTHERM 50 ALUMINIUM
HTA097

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
- 4;H312
- 4;H332

/
2;H315

2.2.

11 , 12



H226
H312
H315
H332

[]:

P210 / / /

P261 / /가 / / /

P264

P271 가

P273

P280 / / /

[]:

P302+352 :

P303+361+353 () :

P304+312 : /

P321 () .

P322 () .

P340 가

P362

P363

P370 :

P378 , , ,

[]:

P403+233 가

[]:

P501 ()

2.3.

PBT (,) vPvB (,)

3.

/	%	GHS	
Polymethoxymethylsiloxane CAS No: 0068037-85-4	20-30		[1]
xylene CAS No: 0001330-20-7	20-30	3; H226 - 4;H332 - 4;H312 / 2;H315	[1][2]
Aluminium, alkyls CAS No: 0007429-90-5	20-30	Water react. 2;H261 H250	[1][2]
Polybutyl titanate CAS No: 0009022-96-2	2.5-5	/ 2;H319	[1]
Toluene CAS No: 0000108-88-3	<1	2;H225 2;H361d 1;H304 - 3;H373 / 2;H315 -1 ;H336	[1][2]

- 1)
- 2) 가
- 3) PBT vPvB

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 .

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

Aluminium, alkyls

-

-

-

2

Toluene

-

-

50

188

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

9.

pH

/ (°C)

(°C)

110

25

(= 1)

(,)

/

: 1.1 (xylene)

: 6.6 (xylene)

(Pa)

1.13

n-

/

(Log Kow)

9.2.

10.

10.1.

10.2.

.(Section 7)

가

10.3.

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
Aluminium, alkyls - (7429-90-5)				
Polybutyl titanate - (9022-96-2)				
Polymethoxymethylsiloxane - (68037-85-4)				
Toluene - (108-88-3)	636.00,	8,400.00,		
xylene - (1330-20-7)	4,299.00,	1,548.00,		20.00,

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

12.

12.1.

1999/45/EC

가

가

	96 hr LC50 mg/l	49 hr EC50 mg/l	ErC50 mg/l
Polymethoxymethylsiloxane - (68037-85-4)			
xylene - (1330-20-7)	3.30, Oncorhynchus mykiss	8.50, Palaemonetes pugio	100.00 (72 hr), Chlorococcales
Aluminium, alkyls - (7429-90-5)	0.12, Oncorhynchus mykiss	3.50, Daphnia magna	
Polybutyl titanate - (9022-96-2)			
Toluene - (108-88-3)	5.80, Oncorhynchus mykiss	19.60, Daphnia magna	

12.2.

가

12.3.

12.4.

12.5.

, PBT (,) , vPvB (,) 가

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

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

H250

H261 가

H312

H315

H319

H332

H336

H372

This SDS is valid for 5 years from the revised date on page 1.

