

**HAB034 INTERTHERM 875 OFF WHITE**

4

10/27/14

**1.**

1.1. INTERTHERM 875 OFF WHITE  
HAB034

1.2. 1300716 (Unknown)

1.3. 626-6  
( 8-6 )

1.4. 055-632-6286( ),055 586 2310( )  
055 587 6276( )  
055 586 2310( )  
055 586 2310( )

**2.**

2.1. 3; H226  
- 4;H312  
- 4;H332  
/  
2;H315  
/  
2;H319

2.2. 11 , 12



H315  
H319  
H332

[ ]:

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

[ ]:

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

[ ]:

P403+233 가

[ ]:

P501 ( )

2.3. PBT ( , ) vPvB ( , )

3.

/	%	GHS	
<b>xylene</b> CAS No: 0001330-20-7	40-50	3; H226 - 4;H312 - 4;H332 / 2;H315 / 2;H319 -1 ;H336 - 1;H372	[1][2]
<b>Titanium dioxide</b> CAS No: 0013463-67-7	10-20		[1][2]
<b>Ethylbenzene</b> CAS No: 0000100-41-4	2.5-5	2;H225 - 4;H332 - 3;H373 1;H304 / 2;H315 / 2;H319 -1 ;H335	[1][2]
<b>n-Butanol</b>	1-2.5		[1][2]

CAS No: 0000071-36-3

3; H226  
- 4;H302  
-1 ;H335  
/ 2;H315  
/ 1;H318  
-1 ;H336

30-40

---

---

- 1)
- 2) 가
- 3) PBT vPvB  
16

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.

( )

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/m<sup>3</sup> ppm mg/m<sup>3</sup>

Barium Sulphate			2	10
Ethylbenzene	125	545	100	435
n-Butanol			C50	C150
Titanium dioxide				10
xylene	150	655	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)

108

24

( = 1)

( , )

/

: 1.1 ( xylene )

: 6.6 ( xylene )

(Pa)

1.12

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
Ethylbenzene - (100-41-4)	3,500.00,	15,433.00,	17.20,	
n-Butanol - (71-36-3)	2,292.00,	3,430.00,		
Titanium dioxide - (13463-67-7)	10,000.00,	10,000.00,		6.82,
xylene - (1330-20-7)	4,299.00,	1,548.00,		20.00,

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

(1 )		
( )		

**12.**

**12.1.**

1999/45/EC 가 ,

가

	96 hr LC50 mg/l ,	49 hr EC50 mg/l ,	ErC50 mg/l ,
xylene - (1330-20-7)	3.30, Oncorhynchus mykiss	8.50, Palaemonetes pugio	100.00 (72 hr), Chlorococcales
Titanium dioxide - (13463-67-7)	1,000.00, Fundulus heteroclitus	5.50, Daphnia magna	5.83 (72 hr), Pseudokirchneriella subcapitata
Ethylbenzene - (100-41-4)	4.20, Oncorhynchus mykiss	2.93, Daphnia magna	3.60 (96 hr), Pseudokirchneriella subcapitata
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.

4 , 2 , III

MSDS 8 .

- 1300716 (Unknown)
  - n-Butanol (0000071-36-3)
  - Ethylbenzene (0000100-41-4)
  - Titanium dioxide (0013463-67-7)

- 1300716 (Unknown)
  - carbon black (0001333-86-4)
  - Silica(quartz) (0014808-60-7)
  - Ethylbenzene (0000100-41-4)
  - Titanium dioxide (0013463-67-7)

- 1300716 (Unknown)
  - n-Butanol (0000071-36-3)
  - Ethylbenzene (0000100-41-4)
  - Titanium dioxide (0013463-67-7)

xylene (0001330-20-7)  
1300716 (Unknown)  
n-Butanol (0000071-36-3)  
Ethylbenzene (0000100-41-4)  
xylene (0001330-20-7)  
1300716 (Unknown)  
1300716 (Unknown)  
  
1300716 (Unknown)  
1300716 (Unknown)  
1300716 (Unknown)  
1300716 (Unknown)  
Barium Sulphate (0007727-43-7)  
Ethylbenzene (0000100-41-4)  
xylene (0001330-20-7)  
1300716 (Unknown)  
1300716 (Unknown)  
1300716 (Unknown)

**16.**

: 10/27/2014  
: 4  
: 07/01/2013

MSDS KOSHA, NITE, ESIS, NLM, SIDS, IPCS, NCIS

SDS

Section 3 Phrases

- H225
- H226
- H302
- H304
- H312
- H315
- H318
- H319
- H332
- H335
- H336
- H372
- H373

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



Akzo Nobel

가