

BEA777/G INTERSMOOTH 7465HS SPC RED

3

10/23/14

1.

1.1. INTERSMOOTH 7465HS SPC RED
BEA777/G

1.2. 0901985 (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;H302
- 4;H312
- 4;H332

/
2;H315

/
1;H318

-
1;H410

2.2.
11 , 12



H226
H302
H312
H315
H318
H332
H410

[]:

P210 / / /
P260 / /
P261 / /가 / / /
P262 , ,
P264
P270
P271 가
P273
P280 / / /

[]:

P301+310 : /
P302+352 :
P303+361+353 () :
/
P304+312 : /
P305+351+338 가 : .가

P321 ().
P322 ().
P330
P331
P340 가
P362
P363
P370 :
P378 , , ,
P391

[]:

P403+233 가

[]:

P501 ()

2.3. PBT (,) vPvB (,)

3.

/	%	GHS	
Copper oxide (Cu2O) CAS No: 0001317-39-1	40-50	- 4;H302 - 1;H400	[1]

		- 1;H410	
xylene CAS No: 0001330-20-7	10-20	3; H226 - 4;H312 - 4;H332 / 2;H315 / 2AIH319 -1 ;H336 - 1;H372	[1][2]
Copper pyrithione CAS No: 0014915-37-8	2.5-5	- 4;H302 - 1;H330 / 2;H315 / 1;H318 - 1;H400	[1]
Solvent naphtha (petroleum), light aromatic CAS No: 0064742-95-6	2.5-5	1;H304	[1]
Copper oxide CAS No: 0001317-38-0	1-2.5	- 4;H302 - 1;H400 - 1;H410	[1]
1,2,4-trimethylbenzene CAS No: 0000095-63-6	1-2.5	3; H226 - 4;H332 / 2;H319 -1 ;H335 / 2;H315 - 2;H411	[1][2]
n-Butanol CAS No: 0000071-36-3	1-2.5	3; H226 - 4;H302 -1 ;H335 / 2;H315 / 1;H318 -1 ;H336	[1][2]
polyamide dispersion CAS No: 0055349-01-4	<1	1;H317 - 4;H413	[1]
	20-30	---	---

- 1)
2) 가
3) PBT vPvB
16

4.

4.1.

가

가

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

Iron oxide

n-Butanol

C50

C150

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)

65

(= 1)
(,)

/

: 1.1 (xylene)

: 6.6 (xylene)

(Pa)

1.87

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

	LD50, mg/kg	LD50, mg/kg	LD50, mg/L/4hr	/ LD50, mg/L/4hr
1,2,4-trimethylbenzene - (95-63-6)	3,400.00,	3,160.00,	18.00,	
Copper oxide - (1317-38-0)	470.00,			
Copper oxide (Cu2O) - (1317-39-1)	470.00,	2,000.00,		50.00,
Copper pyrithione - (14915-37-8)	500.00,	2,000.00,		0.07,
n-Butanol - (71-36-3)	2,292.00,	3,430.00,		
polyamide dispersion - (55349-01-4)				
Solvent naphtha (petroleum), light aromatic - (64742-95-6)	6,800.00,	3,400.00,		
xylene - (1330-20-7)	4,299.00,	1,548.00,		20.00,

()	4	
()	4	
()	4	
/	2	
/	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
Copper oxide (Cu2O) - (1317-39-1)	0.075, Danio rerio	0.042, Daphnia similis	0.03 (96 hr), Pseudokirchneriella subcapitata
xylene - (1330-20-7)	3.30, Oncorhynchus mykiss	8.50, Palaemonetes pugio	100.00 (72 hr), Chlorococcales
Copper pyrithione - (14915-37-8)	0.0032, Oncorhynchus mykiss	0.022, Daphnia magna	0.035 (72 hr), Selenastrum capricornutum
Solvent naphtha (petroleum), light aromatic - (64742-95-6)	9.22, Oncorhynchus mykiss	6.14, Daphnia magna	19.00 (72 hr), Selenastrum capricornutum

Copper oxide - (1317-38-0)	25.40, Oncorhynchus mykiss	0.011, Daphnia magna	0.014 (72 hr), Pseudokirchneriella subcapitata
1,2,4-trimethylbenzene - (95-63-6)	7.72, Pimephales promelas	3.60, Daphnia magna	
n-Butanol - (71-36-3)	1,376.00, Pimephales promelas	1,328.00, Daphnia magna	500.00 (96 hr), Scenedesmus subspicatus
polyamide dispersion - (55349-01-4)			

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 : (Copper(i)oxide)

14.6. 가

가

14.7.

MARPOL73/78 Annex II IBC Code .

15.

4 , 2 , III

MSDS 8

0901985 (Unknown)

n-Butanol (0000071-36-3)

0901985 (Unknown)

ethanol (0000064-17-5)

0901985 (Unknown)

n-Butanol (0000071-36-3)

xylene (0001330-20-7)

0901985 (Unknown)

n-Butanol (0000071-36-3)

xylene (0001330-20-7)

0901985 (Unknown)

0901985 (Unknown)

0901985 (Unknown)

0901985 (Unknown)

0901985 (Unknown)

0901985 (Unknown)

Copper oxide (0001317-38-0)

Copper oxide (Cu2O) (0001317-39-1)

xylene (0001330-20-7)

0901985 (Unknown)

0901985 (Unknown)

0901985 (Unknown)

16.

: 10/23/2014

: 3

: 05/21/2009

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

SDS

H226
H302
H304
H312
H315
H318
H319
H330
H332
H335
H336
H372
H400
H410
H411

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



Akzo Nobel

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