

BEA369/M INTERSMOOTH 360 SPC DARK RED

3

10/23/14

1.

1.1. INTERSMOOTH 360 SPC DARK RED
BEA369/M

1.2. 1411282 (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 / / /
P261 / /가 / / /
P264
P270
P271 가
P273
P280 / / /

[]:

P301+310 : /
P302+352 :
P303+361+353 () :
P304+312 : /
P305+351+338 가 : .가
P321 ().
P322 ().
P330
P340 가
P362
P363
P370 :
P378
P391

[]:

P403+233 가

[]:

P501 ()

2.3.

PBT (,) vPvB (,)

3.

/	%	GHS	
Zinc oxide CAS No: 0001314-13-2	20-30	- 1;H400 - 1;H410	[1][2]
xylene CAS No: 0001330-20-7	20-30	3; H226 - 4;H312 - 4;H332 / 2;H315	[1][2]

		/ 2AIH319 -1 ;H336 - 1;H372	
Zinc pyridinethione CAS No: 0013463-41-7	5-10	- 4;H302 - 1;H330 / 2;H315 / 1;H318 - 1;H400	[1]
2-(p-chlorophenyl)-3-cyano-bromo-5trifluoromethyl pyrrole CAS No: 0122454-29-9	5-10	- 1;H300 - 3;H331 - 1;H400 - 1;H410	[1]
Ethylbenzene CAS No: 0000100-41-4	2.5-5	2;H225 - 4;H332 - 3;H373 1;H304 / 2;H315 / 2;H319 -1 ;H335	[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

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

Ethylbenzene

125

545

100

435

Iron oxide

5

xylene

150

655

100

434

Zinc oxide

10

5

(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)

65

26

(= 1)

(,)

/

: 1.1 (xylene)

: 6.6 (xylene)

(Pa)

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
2-(p-chlorophenyl)-3-cyano-bromo-5trifluoromethyl pyrrole - (122454-29-9)	28.70,	2,001.00,		0.77,
Ethylbenzene - (100-41-4)	3,500.00,	15,433.00,	17.20,	
polyamide dispersion - (55349-01-4)				

xylylene - (1330-20-7)	4,299.00,	1,548.00,		20.00,
Zinc oxide - (1314-13-2)	5,000.00,			2.50,
Zinc pyridinethione - (13463-41-7)	774.00,	2,000.00,		1.03,

()	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
Zinc oxide - (1314-13-2)	1.10, Oncorhynchus mykiss	0.098, Daphnia magna	0.042 (72 hr), Pseudokirchneriella subcapitata
xylylene - (1330-20-7)	3.30, Oncorhynchus mykiss	8.50, Palaemonetes pugio	100.00 (72 hr), Chlorococcales
Zinc pyridinethione - (13463-41-7)	0.0026, Pimephales promelas	0.0082, Daphnia magna	0.028 (96 hr), Selenastrum capricornutum
2-(p-chlorophenyl)-3-cyano-bromo-5trifluoromethyl pyrrole - (122454-29-9)			
Ethylbenzene - (100-41-4)	4.20, Oncorhynchus mykiss	2.93, Daphnia magna	3.60 (96 hr), Pseudokirchneriella subcapitata
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 : (Zinc oxide)

14.6. 가 가

14.7. MARPOL73/78 Annex II IBC Code .

15.

MSDS 8

1411282 (Unknown)

Ethylbenzene (0000100-41-4)

Zinc oxide (0001314-13-2)

1411282 (Unknown)

Silica(quartz) (0014808-60-7)

ethanol (0000064-17-5)

Ethylbenzene (0000100-41-4)

1411282 (Unknown)

Ethylbenzene (0000100-41-4)

xylene (0001330-20-7)

1411282 (Unknown)

Ethylbenzene (0000100-41-4)

xylene (0001330-20-7)

Zinc oxide (0001314-13-2)

1411282 (Unknown)

1411282 (Unknown)

1411282 (Unknown)

2-(p-chlorophenyl)-3-cyano-bromo-5trifluoromethyl pyrrole (0122454-29-9)

1411282 (Unknown)

1411282 (Unknown)

1411282 (Unknown)

Ethylbenzene (0000100-41-4)

xylene (0001330-20-7)

Zinc oxide (0001314-13-2)

Zinc pyridinethione (0013463-41-7)

1411282 (Unknown)

1411282 (Unknown)

1411282 (Unknown)

16.

: 10/23/2014

: 3

: 07/23/2012

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

SDS

Section 3 Phrases

H225

H226

H301

H302
H304
H312
H315
H318
H319
H330
H332
H335
H336
H372
H373
H400
H410

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



Akzo Nobel

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