

BEA373 INTERSMOOTH 365 SPC DARK BROWN

1

08/30/13

1.
1.1. INTERSMOOTH 365 SPC DARK BROWN
 BEA373

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 | |
|--|-------|----------------------------------|-----|
| Copper oxide (Cu ₂ O) CAS No: 0001317-39-1 | 40-50 | - 4;H302 - 1;H400 - 1;H410 | [1] |

| | | | |
|---|-------|---|--------|
| xylene CAS No: 0001330-20-7 | 10-20 | 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] |
| Methyl isobutyl ketone CAS No: 0000108-10-1 | 2.5-5 | 2;H225 - 4;H332 / 2;H319 -1 ;H335 | [1][2] |
| Chlorinated paraffin c22-30 CAS No: 0063449-39-8 | 2.5-5 | | [1] |
| Copper pyrithione CAS No: 0014915-37-8 | 2.5-5 | - 4;H302 - 1;H330 / 2;H315 / 1;H318 - 1;H400 | [1] |
| polyamide dispersion CAS No: 0055349-01-4 | <1 | 1;H317 - 4;H413 | [1] |

- 1)
- 2) 가
- 3) PBT vPvB
16 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

Methyl isobutyl ketone

75

307

50

205

n-Butanol

50

152

-

-

xylene

150

651

100

434

(P) (Peak exposure limit)

(R)

(Sk)

(Sen)

(Cat 1)

(Cat 2) 가

(Cat 3)

DNEL/PNEC

8.2.

9.

pH

/ (°C) (°C)

(= 1)
(,)

/

: 1.4 (n-Butanol)

: 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 |
|--|----------------|----------------|-------------------|---------------------|
| Chlorinated paraffin c22-30 - (63449-39-8) | 11,700.00, | | | |
| 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, |
| Methyl isobutyl ketone - (108-10-1) | 2,080.00, | 16,000.00, | | |
| n-Butanol - (71-36-3) | 2,292.00, | 3,430.00, | | |
| polyamide dispersion - (55349-01-4) | | | | |

| | | | |
|----------------------|-----------|-----------|--------|
| xylene - (1330-20-7) | 4,299.00, | 1,548.00, | 20.00, |
|----------------------|-----------|-----------|--------|

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| | | |
| (1) | | |
| () | | |
| | | |

12.

12.1.

| | 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 |
| n-Butanol - (71-36-3) | 1,376.00, Pimephales promelas | 1,328.00, Daphnia magna | 500.00 (96 hr), Scenedesmus subspicatus |
| Methyl isobutyl ketone - (108-10-1) | 505.00, Pimephales promelas | 1,550.00, Daphnia magna | 980.00 (48 hr), Scenedesmus subspicatus |
| Chlorinated paraffin c22-30 - (63449-39-8) | 300.00, Lepomis macrochirus | 102.00, Daphnia magna | |
| Copper pyrithione - (14915-37-8) | 0.0032, Oncorhynchus mykiss | 0.022, Daphnia magna | 0.035 (72 hr), Selenastrum capricornutum |
| polyamide dispersion - (55349-01-4) | | | |

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

Section 3

Phrases

H225

H226

H302

H312

H315

H318

H319

H330

H332

H335

H336

H372

H400

H410

SDS



Akzo Nobel

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