

KRA857 INTERBOND 808 BRONZE PART A

1

08/30/13

1.
1.1. INTERBOND 808 BRONZE PART A
KRA857

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

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[]:

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[]:

2.3. .

3.

| / | % | GHS | |
|------------------------------|-------|--------------------|-----|
| Epoxy resin (av.mol.wt.<700) | 20-30 | / 2;H319 | [1] |
| CAS No: | | / 2;H315 1;H317 | |

| | | | |
|---|-------|---|--------|
| | | - 2;H411 | |
| xylene CAS No: 0001330-20-7 | 5-10 | 3; H226 - 4;H332 - 4;H312 / 2;H315 | [1][2] |
| Iron oxide CAS No: 0001309-37-1 | 2.5-5 | | [1][2] |
| Aluminium, alkyls CAS No: 0007429-90-5 | 2.5-5 | Water react. 2;H261 H250 | [1][2] |
| Petroleum Resin CAS No: 0064742-16-1 | 2.5-5 | | [1] |
| Ethylbenzene CAS No: 0000100-41-4 | 1-2.5 | 2;H225 - 4;H332 | [1][2] |
| Methyl isobutyl ketone CAS No: 0000108-10-1 | 1-2.5 | 2;H225 - 4;H332 / 2;H319 -1 ;H335 | [1][2] |
| Solvent naphtha (petroleum), light aromatic CAS No: 0064742-95-6 | 1-2.5 | 1;H304 | [1] |
| 3-Glycidyloxypropyl-trimethoxysilane CAS No: 0002530-83-8 | 1-2.5 | / 1;H318 | [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.

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6.3.

7.

7.1.

7.2. ()

7.3. Specific end use(s)

8.

8.1.

,
(OEL)

(ACGIH)

(ACGIH)

| | ppm | mg/m ³ | ppm | mg/m ³ |
|------------------------|-----|-------------------|-----|-------------------|
| Aluminium, alkyls | - | - | - | 2 |
| Ethylbenzene | 125 | 543 | 100 | 434 |
| Iron oxide | - | - | - | 5 |
| Methyl isobutyl ketone | 75 | 307 | 50 | 205 |
| Talc | - | - | - | 2 |
| 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)

(,)

/

: 1.1 (xylene)

: 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, | / | LD50, |
|--|----------------|----------------|-------|---|-------|

| | | | mg/L/4hr | mg/L/4hr |
|--|------------|------------|----------|----------|
| 3-Glycidyoxypropyl-trimethoxysilane - (2530-83-8) | 8,030.00, | 4,248.00, | | 5.30, |
| Aluminium, alkyls - (7429-90-5) | | | | |
| Epoxy resin (av.mol.wt.<700) - () | 2,000.00, | 2,000.00, | | |
| Ethylbenzene - (100-41-4) | 3,500.00, | 15,433.00, | 17.20, | |
| Iron oxide - (1309-37-1) | 10,000.00, | | | |
| Methyl isobutyl ketone - (108-10-1) | 2,080.00, | 16,000.00, | | |
| Petroleum Resin - (64742-16-1) | 2,000.00, | | | |
| 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, |

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

12.

12.1.

| | 96 hr LC50 mg/l , | 49 hr EC50 mg/l , | ErC50 mg/l , |
|------------------------------------|---------------------------|--------------------------|-----------------------------------|
| Epoxy resin (av.mol.wt.<700) - () | 3.10, Pimephales promelas | 1.40, Daphnia magna | |
| xylene - (1330-20-7) | 3.30, Oncorhynchus mykiss | 8.50, Palaemonetes pugio | 100.00 (72 hr), Chlorococcales |
| Iron oxide - (1309-37-1) | | | |
| Aluminium, alkyls - (7429-90-5) | 0.12, Oncorhynchus mykiss | 3.50, Daphnia magna | |
| Petroleum Resin - (64742-16-1) | | | |
| Ethylbenzene - (100-41-4) | 4.20, Oncorhynchus | 2.93, Daphnia magna | 3.60 (96 hr), Pseudokirchneriella |

| | mykiss | | subcapitata |
|--|-----------------------------|-------------------------|--|
| Methyl isobutyl ketone - (108-10-1) | 505.00, Pimephales promelas | 1,550.00, Daphnia magna | 980.00 (48 hr), Scenedesmus subspicatus |
| Solvent naphtha (petroleum), light aromatic - (64742-95-6) | 9.22, Oncorhynchus mykiss | 6.14, Daphnia magna | 19.00 (72 hr), Selenastrum capricornutum |
| 3-Glycidyloxypropyl-trimethoxysilane - (2530-83-8) | 55.00, Cyprinus carpio | 473.00, Daphnia magna | 255.00 (72 hr), Scenedesmus subspicatus |

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

H304

H312

H315

H317

H318

H319

H332

H335

H336

H372

H411

SDS



Akzo Nobel

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