

KRA852 INTERBOND 808 GREY PART A

4

10/28/14

1.

1.1. INTERBOND 808 GREY PART A
KRA852

1.2.

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
/
2;H315
/
2;H319
1;H317
-
2;H411

2.2.
11 , 12



H315
H317
H319
H411

[]:

P210 / / /
P261 / /가 / / /
P264
P272
P273
P280 / / /

[]:

P302+352 :
P303+361+353 () :
/ 가 : .가

P321 ().
P333+313 /
P337 :
P362
P363
P370 :
P378 , , ,
P391

[]:

P403+233 가

[]:

P501 ()

2.3. PBT (,) vPvB (,)

3.

/	%	GHS	
Epoxy resin (av.mol.wt.<700) CAS No: 0025068-38-6	20-30	/ 2;H319 / 2;H315 1;H317 - 2;H411	[1]
xylene CAS No: 0001330-20-7	5-10	3; H226 - 4;H312 - 4;H332 / 2;H315 / 2AIH319 -1 ;H336 - 1;H372	[1][2]
Titanium dioxide CAS No: 0013463-67-7	1-2.5		[1][2]
Ethylbenzene CAS No: 0000100-41-4	1-2.5	2;H225 - 4;H332 - 3;H373	[1][2]

		1;H304 / 2;H315 / 2;H319 -1 ;H335	
Methyl isobutyl ketone CAS No: 0000108-10-1	1-2.5	2;H225 - 4;H332 / 2;H319 -1 ;H335	[1][2]
3-Glycidyloxypropyl-trimethoxysilane CAS No: 0002530-83-8	1-2.5	/ 1;H318	[1]
	60-70	---	---

- 1)
- 2) 가
- 3) PBT vPvB
16

4.

4.1.

가

가

10

4.2. 가 /

4.3.

5. ,

5.1.

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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 , 1 가

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

Barium Sulphate

2

10

Ethylbenzene

125

545

100

435

Methyl isobutyl ketone

50

205

Titanium dioxide

10

xylene

150

655

100

434

(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)

114

32

(= 1)

(,)

/

: 1.1 (xylene)

: 6.6 (xylene)

(Pa)

1.77

n-

/

(Log Kow)

9.2.

10.

10.1.

10.2.

.(Section 7)

10.3.

가 가

10.4.

.(7 .)

10.5.

10.6.

가

11.

(OEL)

가

가

Data

가

2

	LD50, mg/kg	LD50, mg/kg	LD50, mg/L/4hr	/ LD50, mg/L/4hr
3-Glycidyloxypropyl-trimethoxysilane - (2530-83-8)	8,030.00,	4,248.00,		5.30,
Epoxy resin (av.mol.wt.<700) - (25068-38-6)	2,000.00,	2,000.00,		
Ethylbenzene - (100-41-4)	3,500.00,	15,433.00,	17.20,	
Methyl isobutyl ketone - (108-10-1)	2,080.00,	16,000.00,		
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,

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()		
()		
/	2	
/	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
Epoxy resin (av.mol.wt.<700) - (25068-38-6)	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
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
Methyl isobutyl ketone - (108-10-1)	505.00, Pimephales promelas	1,550.00, Daphnia magna	980.00 (48 hr), Scenedesmus subspicatus
3-Glycidyloxypropyl-trimethoxysilane - (2530-83-8)	55.00, Cyprinus carpio	473.00, Daphnia magna	255.00 (72 hr), Scenedesmus subspicatus

12.2.

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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 : (Epoxy Resin)

14.6. 가 가

14.7. MARPOL73/78 Annex II IBC Code .

15.

4 , 2 , III

Ethylbenzene (0000100-41-4)
Methyl isobutyl ketone (0000108-10-1)
Titanium dioxide (0013463-67-7)

(CMR):

Ethylbenzene (0000100-41-4)
Titanium dioxide (0013463-67-7)

:

Ethylbenzene (0000100-41-4)
Methyl isobutyl ketone (0000108-10-1)
Titanium dioxide (0013463-67-7)
xylene (0001330-20-7)

:

Ethylbenzene (0000100-41-4)
Methyl isobutyl ketone (0000108-10-1)
xylene (0001330-20-7)

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Group I:

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Group II:

Barium Sulphate (0007727-43-7)
Epoxy resin (av.mol.wt.<700) (0025068-38-6)
Ethylbenzene (0000100-41-4)
xylene (0001330-20-7)

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()

:

()

16.

: 10/28/2014

: 4

: 11/18/2005

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

SDS

H225

H226

H304

H312

H315

H317

H318

H319

H332

H335

H336

H372

H373

H411

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



Akzo Nobel

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