

**KRA853 INTERBOND 808 ALUMINIUM PART A**

1

09/08/13

1.

1.1. INTERBOND 808 ALUMINIUM PART A  
KRA853

1.2.

1.3.

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3 Neythal Road  
Jurong Town  
Singapore 628570

+65 6261 5033

+65 6264 4612

1.4.

+65 6261 5033

2.

2.1. .  
3; H226  
/  
2;H315  
/  
2;H319  
1;H317

2.2.

11 , 12



H226

H315

H317

H319

[ ]:

P210 / / /

P261 / /가 / / /

P264

P272

P273

P280 / / /

[ ]:

P302+352 :

P303+361+353 ( ) :

/

P305+351+338 가 : .가

P312 /

P321 ( ).

P333+313 /

P337 :

P362

P363

P370 :

P378 , , ,

[ ]:

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	10-20	3; H226 - 4;H332 - 4;H312 / 2;H315	[1][2]
Aluminium, alkyls CAS No: 0007429-90-5	2.5-5	Water react. 2;H261 H250	[1][2]
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]
1,2,3-Trimethylbenzene CAS No: 0000526-73-8	1-2.5	3; H226	[1]

1)

- 2)
- 3) PBT

가  
vPvB  
16

가 , 가  
가 .

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 , 1 가 .  
가 ,

7.3. Specific end use(s)

가 .

,가 .3

Hot surfaces, Sparks,

가 ( 60% , )

**8.**

**8.1.**

(OEL)

(ACGIH)

(ACGIH)

	ppm	mg/m <sup>3</sup>	ppm	mg/m <sup>3</sup>
Aluminium, alkyls	-	-	-	2
Barium Sulphate	-	-	-	10
Methyl isobutyl ketone	75	307	50	205
Titanium dioxide	-	-	-	10
xylene	150	651	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)

114

32

( = 1)

( , )

/

: 1.1 ( xylene )

: 6.6 ( xylene )

(Pa)

1.70

n-

/

(Log Kow)

9.2.

10.

10.1.

10.2.

.(Section 7 )

10.3. 가 가

10.4.

10.5.

10.6.

가

11.

(OEL)

가

Data

가

가

2

	LD50, mg/kg	LD50, mg/kg	LD50, mg/L/4hr	/ LD50, mg/L/4hr
1,2,3-Trimethylbenzene - (526-73-8)				
3-Glycidyloxypropyl-trimethoxysilane - (2530-83-8)	8,030.00,	4,248.00,		5.30,
Aluminium, alkyls - (7429-90-5)				
Epoxy resin (av.mol.wt.<700) - (25068-38-6)	2,000.00,	2,000.00,		
Methyl isobutyl ketone - (108-10-1)	2,080.00,	16,000.00,		
xylene - (1330-20-7)	4,299.00,	1,548.00,		20.00,

( )		
( )		
( )		
/	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
Aluminium, alkyls - (7429-90-5)	0.12, Oncorhynchus mykiss	3.50, Daphnia magna	
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
1,2,3-Trimethylbenzene - (526-73-8)			

**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 :

14.6. 가 가

14.7. MARPOL73/78 Annex II IBC Code .

15.

None noted.

16.

SDS

Section 3 Phrases

H225

H226

H312

H315

H317

H318

H319  
H332  
H335  
H336  
H372  
H411

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



Akzo Nobel

가