

EAA485 INTERZONE 485 GREY PART A

1

08/30/13

1.

1.1. INTERZONE 485 GREY PART A
EAA485

1.2.

1.3.

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Singapore 628570

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+65 6264 4612

1.4.

+65 6261 5033

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

P312 /
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	50-60	/ 2;H319 / 2;H315 1;H317 - 2;H411	[1]
Alkyl(C12-C14)glycidyl ether CAS No: 0068609-97-2	10-20	/ 2;H315 1;H317	[1]
Methyl ethyl ketone CAS No: 0000078-93-3	1-2.5	2;H225 / 2;H319 -1 ;H336	[1][2]
3-Glycidyloxypropyl-trimethoxysilane CAS No: 0002530-83-8	1-2.5	/ 1;H318	[1]

1)
2) 가
3) PBT vPvB

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 , , 가 .
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

Methyl ethyl ketone

300

885

200

590

Titanium dioxide

-

-

-

10

(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)

79

32

(= 1)

(,)

/

: 1.8 (Methyl ethyl ketone)

:

(Pa)

1.12

n-

/

(Log Kow)

9.2.

10.

10.1.

10.2.

.(Section 7)

가

10.3.

가

10.4.

.(7 .)

10.5.

10.6.

11.

(OEL)

가

가

Data

가

2

	LD50, mg/kg	LD50, mg/kg	LD50, mg/L/4hr	/ LD50, mg/L/4hr
3-Glycidyoxypropyl-trimethoxysilane - (2530-83-8)	8,030.00,	4,248.00,		5.30,
Alkyl(C12-C14)glycidyl ether - (68609-97-2)				
Epoxy resin (av.mol.wt.<700) - (25068-38-6)	2,000.00,	2,000.00,		
Methyl ethyl ketone - (78-93-3)	2,737.00,	6,480.00,	32.00,	

()		
()		
()		
/	2	
/	2	
	1	
(1)		
()		

12.

12.1.

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	
Alkyl(C12-C14)glycidyl ether - (68609-97-2)			
Methyl ethyl ketone - (78-93-3)	400.00, Cyprinodon variegatus	520.00, Daphnia magna	500.00 (96 hr), Skeletonema costatum
3-Glycidyloxypropyl-trimethoxysilane - (2530-83-8)	55.00, Cyprinus carpio	473.00, Daphnia magna	255.00 (72 hr), Scenedesmus subspicatus

12.2.

가

12.3.

12.4.

12.5.

, PBT (,) , vPvB (,) 가

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

14.4. III

14.5.

:

IMDG : (Epoxy Resin)

14.6. 가 가

14.7. MARPOL73/78 Annex II IBC Code .

15.

None noted.

16.

SDS

Section 3 Phrases

- H225
- H315
- H317
- H318
- H319
- H336
- H411

SDS



Akzo Nobel

가