

EGA879 INTERZONE 505 BLACK PART A

1

08/30/13

1.

1.1. INTERZONE 505 BLACK PART A
EGA879

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. .
3; H226
/
2;H315
/
2;H319
1;H317
1B;H350
-
2;H411

2.2.

11 , 12



H226
H315
H317
H319
H350
H411

[]:

P201
P202
P210 / / /
P261 / /가 / / /
P264
P272
P273
P280 / / /

[]:

P302+352 :
P303+361+353 () :
/ 가 : .가
P308+313 : /
P312 /
P321 ().
P333 :
P337 :
P362
P363
P370 :
P378 , , ,
P391

[]:

P403+233 가
P405 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]
Iron(III) oxide CAS No: 0001317-61-9	2.5-5		[1]
Propylene glycol mono methyl ether CAS No: 0000107-98-2	2.5-5	3; H226	[1][2]

		-1 ;H336	
xylene CAS No: 0001330-20-7	2.5-5	3; H226 - 4;H332 - 4;H312 / 2;H315	[1][2]
Benzyl alcohol CAS No: 0000100-51-6	2.5-5	- 4;H332 - 4;H302	[1]
3-Glycidyloxypropyl-trimethoxysilane CAS No: 0002530-83-8	<1	/ 1;H318	[1]
Distillates (petroleum), solvent refined heavy paraffinic CAS No: 0064741-88-4	<1	1B;H350	[1]

- 1)
- 2) 가
- 3) PBT 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 , 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/m ³	ppm	mg/m ³
Propylene glycol mono methyl ether	150	553	100	369
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)

117

54

(= 1)

(,)

/

: 1.1 (xylene)

: 6.6 (xylene)

(Pa)

1.37

n-

/

(Log Kow)

9.2.

10.

10.1.

10.2.

(Section 7)

가

10.3.

가

10.4.

10.5.

10.6.

가

11.

(OEL)

가

Data

가

2

가

	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,
Benzyl alcohol - (100-51-6)	1,230.00,	2,000.00,		4.178,
Distillates (petroleum), solvent refined heavy paraffinic - (64741-88-4)				
Epoxy resin (av.mol.wt.<700) - (25068- 38-6)	2,000.00,	2,000.00,		
Iron(III) oxide - (1317-61-9)	10,000.00,			
Propylene glycol mono methyl ether - (107-98-2)	5,000.00,	13,000.00,		
xylene - (1330-20-7)	4,299.00,	1,548.00,		20.00,

()		
()		
()		

/	2	.
/	2	
	1	.
	1B	.
(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	
Iron(III) oxide - (1317-61-9)	1,000.00, Leuciscus idus		
Propylene glycol mono methyl ether - (107-98-2)	1,000.00, Oncorhynchus mykiss	500.00, Daphnia magna	1,000.00 (96 hr), Selenastrum capricornutum
xylene - (1330-20-7)	3.30, Oncorhynchus mykiss	8.50, Palaemonetes pugio	100.00 (72 hr), Chlorococcales
Benzyl alcohol - (100-51-6)	10.00, Lepomis macrochirus	55.00, Daphnia magna	700.00 (72 hr),
3-Glycidyoxypropyl-trimethoxysilane - (2530-83-8)	55.00, Cyprinus carpio	473.00, Daphnia magna	255.00 (72 hr), Scenedesmus subspicatus
Distillates (petroleum), solvent refined heavy paraffinic - (64741-88- 4)			

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

: (Epoxy Resin)

14.6.

가

가

14.7.

MARPOL73/78 Annex II IBC Code .

15.

None noted.

16.

SDS

H226
H302
H312
H315
H317
H319
H332
H336
H372
H411

SDS



Akzo Nobel

가