

EPA052 INTERZINC 552 GREY PART A

1

08/30/13

1.
1.1. INTERZINC 552 GREY PART A
EPA052

1.2.
1.3.

 International Paint Singapore Pte Ltd
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 Singapore 628570

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+65 6264 4612

1.4. +65 6261 5033

2.
2.1. .

2.2.

11 , 12

[]:

[]:

[]:

[]:

2.3. .

3.

/	%	GHS	
Zinc CAS No: 0007440-66-6	70-80	Water react. 1;H260 H250	[1]

		- 1;H400 - 1;H410	
xylene CAS No: 0001330-20-7	5-10	3; H226 - 4;H332 - 4;H312 / 2;H315	[1][2]
Epoxy resin (av.mol.wt.<700) CAS No:	5-10	/ 2;H319 / 2;H315 1;H317 - 2;H411	[1]
n-Butanol CAS No: 0000071-36-3	2.5-5	3; H226 - 4;H302 -1 ;H335 / 2;H315 / 1;H318 -1 ;H336	[1][2]
Ethylbenzene CAS No: 0000100-41-4	1-2.5	2;H225 - 4;H332	[1][2]
Iron(III) oxide CAS No: 0001332-37-2	1-2.5		[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.

6.2.

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
Ethylbenzene	125	543	100	434
n-Butanol	50	152	-	-
xylene	150	651	100	434
Zinc	-	20	-	10-

- (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)

(Pa) : 6.6 (xylene)

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, mg/L/4hr	/ LD50, mg/L/4hr
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(III) oxide - (1332-37-2)				
n-Butanol - (71-36-3)	2,292.00,	3,430.00,		
xylene - (1330-20-7)	4,299.00,	1,548.00,		20.00,

Zinc - (7440-66-6)

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

12.

12.1.

	96 hr LC50 mg/l ,	49 hr EC50 mg/l ,	ErC50 mg/l ,
Zinc - (7440-66-6)	0.182, Oncorhynchus tshawytscha	0.068, Daphnia magna	0.106 (72 hr), Pseudokirchneriella subcapitata
xylene - (1330-20-7)	3.30, Oncorhynchus mykiss	8.50, Palaemonetes pugio	100.00 (72 hr), Chlorococcales
Epoxy resin (av.mol.wt.<700) - ()	3.10, Pimephales promelas	1.40, Daphnia magna	
n-Butanol - (71-36-3)	1,376.00, Pimephales promelas	1,328.00, Daphnia magna	500.00 (96 hr), Scenedesmus subspicatus
Ethylbenzene - (100-41-4)	4.20, Oncorhynchus mykiss	2.93, Daphnia magna	3.60 (96 hr), Pseudokirchneriella subcapitata
Iron(III) oxide - (1332-37-2)			

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

H226

H250

H260 가 가

H302

H312

H315

H317

H318

H319

H332

H335

H336

H372

H400

H410

H411

SDS



Akzo Nobel

가