

EPA142 INTERZINC 52 GREY PART A

1

08/30/13

1.

1.1. INTERZINC 52 GREY PART A  
EPA142

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  
-  
1;H410

2.2.  
11 , 12



H315  
H317  
H319  
H410

[ ]:

P210 / / /  
P260 / /  
P261 / /가 / / /  
P262 , ,  
P264  
P272  
P273  
P280 / / /

[ ]:

P301+310 : /  
P302+352 :  
P303+361+353 ( ) :  
/  
P305+351+338 가 : .가

P321 ( ).

P331

P333+313 /

P337 :

P362

P363

P370 :

P378 , , ,

P391

[ ]:

P403+233 가

[ ]:

P501 ( )

2.3. PBT ( , ) vPvB ( , )

3.

/	%	GHS	
Zinc CAS No: 0007440-66-6	70-80	Water react. 1;H260 H250 - 1;H400 - 1;H410	[1]
EPOXY RESIN CAS No: 0025036-25-3	5-10	/ 2;H319 / 2;H315, 1;H317	[1]
xylene CAS No: 0001330-20-7	2.5-5	3; H226 - 4;H332 - 4;H312 / 2;H315	[1][2]

Solvent naphtha (petroleum), light aromatic CAS No: 0064742-95-6	2.5-5	1;H304	[1]
1,2,4-trimethylbenzene CAS No: 0000095-63-6	1-2.5	3; H226 - 4;H332 / 2;H319 -1 ;H335 / 2;H315 - 2;H411	[1][2]
n-Butanol CAS No: 0000071-36-3	1-2.5	3; H226 - 4;H302 -1 ;H335 / 2;H315 / 1;H318 -1 ;H336	[1][2]

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 가 . . . . .

6.2. 가 . . . . .  
6.3. .8 . . . . .  
, , 가 . . . . .  
(13 .)

가 . . . . .  
가 . . . . .  
, 가 , 가 . . . . .

7.

7.1. 가 . . . . .  
, 가 (LEL) (OEL)

가 . . . . .  
가 (LEL) (OEL)

7.2. ( )

, 8

가 , 가  
61  
가 , 1

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>
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.

가

가

(visor)

(overall)

가

가

.가

가

9.

pH

/ (°C)

(°C)

116

30

( = 1)

( , )

/

: 1.1 ( xylene )

: 6.6 ( xylene )

(Pa)

2.95

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

가

2

	LD50, mg/kg	LD50, mg/kg	LD50, mg/L/4hr	/ LD50, mg/L/4hr
1,2,4-trimethylbenzene - (95-63-6)	3,400.00,	3,160.00,	18.00,	
EPOXY RESIN - (25036-25-3)				
n-Butanol - (71-36-3)	2,292.00,	3,430.00,		
Solvent naphtha (petroleum), light aromatic - (64742-95-6)	6,800.00,	3,400.00,		
xylene - (1330-20-7)	4,299.00,	1,548.00,		20.00,
Zinc - (7440-66-6)				

( )		
( )		

( )		
/	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
Zinc - (7440-66-6)	0.182, Oncorhynchus tshawytscha	0.068, Daphnia magna	0.106 (72 hr), Pseudokirchneriella subcapitata
EPOXY RESIN - (25036-25-3)			
xylene - (1330-20-7)	3.30, Oncorhynchus mykiss	8.50, Palaemonetes pugio	100.00 (72 hr), Chlorococcales
Solvent naphtha (petroleum), light aromatic - (64742-95-6)	9.22, Oncorhynchus mykiss	6.14, Daphnia magna	19.00 (72 hr), Selenastrum capricornutum
1,2,4-trimethylbenzene - (95-63-6)	7.72, Pimephales promelas	3.60, Daphnia magna	
n-Butanol - (71-36-3)	1,376.00, Pimephales promelas	1,328.00, Daphnia magna	500.00 (96 hr), Scenedesmus subspicatus

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 : ( Zinc Powder )

14.6. 가 가

14.7. MARPOL73/78 Annex II IBC Code .

15.

None noted.

16.

SDS

H226  
H250  
H260  
H302  
H304  
H312  
H315  
H317  
H318  
H319  
H332  
H335  
H336  
H372  
H400  
H410  
H411

가 가

**SDS**



Akzo Nobel

가