

EPA053 INTERZINC 552 PART B

4

10/27/14

1.

1.1. INTERZINC 552 PART B
EPA053

1.2.

1.3.

626-6

(8-6)

1.4.

055-632-6286(),055 586 2310()
055 587 6276()
055 586 2310()
055 586 2310()

2.

2.1.

3; H226

- 4;H332

/

2;H315

/

1;H318

1;H317

-1 ;H335

-

3;H373

2.2.

11 , 12



H226
H315
H317
H318
H332
H335
H373

[]:

P210 / / /

P260 / /

P264

P271 가

P272

P280 / / /

[]:

P302+352 :

P303+361+353 () :

P304+312 :

P305+351+338 가 : .가

P310 /

P312 /

P314 /

P321 ().

P333+313 /

P340 가

P362

P363

P370 :

P378

[]:

P403+233 가

P405 가

[]:

P501 ()

2.3.

PBT (,) vPvB (,)

3.

/	%	GHS	
xylene CAS No: 0001330-20-7	40-50	3; H226 - 4;H312 - 4;H332 / 2;H315 / 2AIH319 -1 ;H336 - 1;H372	[1][2]

Polyamide Resin CAS No:	20-30		[1]
n-Butanol CAS No: 0000071-36-3	10-20	3; H226 - 4;H302 -1 ;H335 / 2;H315 / 1;H318 -1 ;H336	[1][2]
Ethylbenzene CAS No: 0000100-41-4	10-20	2;H225 - 4;H332 - 3;H373 1;H304 / 2;H315 / 2;H319 -1 ;H335	[1][2]
Triethylenetetramine CAS No: 0000112-24-3	1-2.5	- 4;H312 / 1B;H314 1;H317 - 3;H412	[1]
	<1	---	---

- 1)
- 2) 가
- 3) PBT vPvB
16

4.

4.1.

가

가

10

4.2. 가 /

4.3.

5. ,

5.1.

; , , , .
.

Note;

가

가

5.2.

가

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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

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/m³

ppm

mg/m³

Ethylbenzene

125

545

100

435

n-Butanol

C50

C150

xylene

150

655

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)

116

27

(= 1)

(,)

/

: 1.1 (xylene)

: 6.6 (xylene)

(Pa)

0.88

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
Ethylbenzene - (100-41-4)	3,500.00,	15,433.00,	17.20,	
n-Butanol - (71-36-3)	2,292.00,	3,430.00,		
Polyamide Resin - ()				
Triethylenetetramine - (112-24-3)	2,780.00,	550.00,		
xylene - (1330-20-7)	4,299.00,	1,548.00,		20.00,

()		
()		
()	4	
/	2	
/	1	
	1	
(1)	3	
()	2	

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 ,
xylylene - (1330-20-7)	3.30, Oncorhynchus mykiss	8.50, Palaemonetes pugio	100.00 (72 hr), Chlorococcales
Polyamide Resin - ()			
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
Triethylenetetramine - (112-24-3)	495.00, Pimephales promelas	33.90, Daphnia magna	20.00 (72 hr), Selenastrum capricornutum

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.

4

, 2

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III

MSDS 8

n-Butanol (0000071-36-3)

Ethylbenzene (0000100-41-4)

(CMR):

Ethylbenzene (0000100-41-4)

:

n-Butanol (0000071-36-3)

Ethylbenzene (0000100-41-4)

xylene (0001330-20-7)

:

n-Butanol (0000071-36-3)

Ethylbenzene (0000100-41-4)

xylene (0001330-20-7)

가

:

()

:

()

:

()

:

()

Group I:

()

Group II:

Ethylbenzene (0000100-41-4)

xylene (0001330-20-7)

:

()

()

:

()

16.

: 10/27/2014

: 4

: 11/18/2005

MSDS KOSHA, NITE, ESIS, NLM, SIDS, IPCS, NCIS

SDS

Section 3

Phrases

H225

H226

H302

H304

H312

H314
H315
H317
H318
H319
H332
H335
H336
H372
H373
H412

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



Akzo Nobel

가