

EAA986 INTERZONE 954 MIO ALUMINIUM PART A

4

10/25/14

1.

1.1. INTERZONE 954 MIO ALUMINIUM PART A  
EAA986

1.2. 1300903 (Unknown)

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  
/  
2;H315  
/  
2;H319  
1;H317  
-  
3;H412

2.2. 11 , 12



H315  
H317  
H319  
H412

[ ]:

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 , , ,

[ ]:

P403+233 가

[ ]:

P501 ( )

2.3.

PBT ( , ) vPvB ( , )

3.

/	%	GHS	
Epoxy resin (av.mol.wt.<700) CAS No: 0025068-38-6	20-30	/ 2;H319 / 2;H315 1;H317 - 2;H411	[1]
xylene CAS No: 0001330-20-7	5-10	3; H226 - 4;H312 - 4;H332 / 2;H315 / 2AH319 -1 ;H336 - 1;H372	[1][2]
Aluminium, alkyls CAS No: 0007429-90-5	2.5-5	Water react. 2;H261	[1][2]

		H250	
Naphtha (petroleum), hydrotreated heavy CAS No: 0064742-48-9	1-2.5	1;H304	[1]
3-Glycidyloxypropyl-trimethoxysilane CAS No: 0002530-83-8	1-2.5	/ 1;H318	[1]
	60-70	---	---

- 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

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.

( )

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<sup>3</sup>

ppm

mg/m<sup>3</sup>

Aluminium, alkyls

2

Barium Sulphate

2

10

Iron oxide

5

Talc

2

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)

114

35

( = 1)

( , )

/

heavy )

: .6 ( Naphtha (petroleum), hydrotreated

: 6.6 ( xylene )

(Pa)

1.87

n-

/

(Log Kow)

9.2.

10.

10.1.

10.2.

(Section 7 )

가

10.3.

가

10.4.

(7 .)

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-Glycidyloxypropyl-trimethoxysilane - (2530-83-8)	8,030.00,	4,248.00,		5.30,
Aluminium, alkyls - (7429-90-5)				
Epoxy resin (av.mol.wt.<700) - (25068- 38-6)	2,000.00,	2,000.00,		
Naphtha (petroleum), hydrotreated heavy - (64742-48-9)	5,000.00,	3,160.00,		
xylene - (1330-20-7)	4,299.00,	1,548.00,		20.00,

( )		

( )		
( )		
/	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 ,
Epoxy resin (av.mol.wt.<700) - (25068-38-6)	3.10, Pimephales promelas	1.40, Daphnia magna	
xylene - (1330-20-7)	3.30, Oncorhynchus mykiss	8.50, Palaemonetes pugio	100.00 (72 hr), Chlorococcales
Aluminium, alkyls - (7429-90-5)	0.12, Oncorhynchus mykiss	3.50, Daphnia magna	
Naphtha (petroleum), hydrotreated heavy - (64742-48-9)	2,200.00, Pimephales promelas	2.60, Chaetogammarus marinus	
3-Glycidyoxypropyl-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.

, , 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 , III

MSDS 8

1300903 (Unknown)

Aluminium, alkyls (0007429-90-5)

Talc (0014807-96-6)

1300903 (Unknown)

Ethylbenzene (0000100-41-4)

1300903 (Unknown)

Aluminium, alkyls (0007429-90-5)

xylene (0001330-20-7)  
1300903 (Unknown)  
Aluminium, alkyls (0007429-90-5)  
xylene (0001330-20-7)  
1300903 (Unknown)  
1300903 (Unknown)  
  
1300903 (Unknown)  
1300903 (Unknown)  
1300903 (Unknown)  
1300903 (Unknown)  
Aluminium, alkyls (0007429-90-5)  
Barium Sulphate (0007727-43-7)  
Epoxy resin (av.mol.wt.<700) (0025068-38-6)  
xylene (0001330-20-7)  
1300903 (Unknown)  
1300903 (Unknown)  
1300903 (Unknown)  
Talc (0014807-96-6)

**16.**

: 10/25/2014  
: 4  
: 07/24/2013

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

SDS

Section 3 Phrases

H226  
H250  
H261  
H304  
H312  
H315  
H317  
H318  
H319  
H332  
H336  
H372  
H411

가



Akzo Nobel

가