

ECA906/A INTERGARD 740 ALUMINUM PART A

4

10/25/14

1.

1.1. INTERGARD 740 ALUMINUM PART A
ECA906/A

1.2. 1002372 (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
- 4;H312
- 4;H332
/
2;H315
/
2;H319
1;H317
-
3;H412

2.2.
11 , 12



H226
H312
H315
H317
H319
H332
H412

[]:

P210 / / /
P260 / /
P261 / /가 / / /
P262 , ,
P264
P271 가
P272
P273
P280 / / /

[]:

P301+310 : /
P302+352 :
P303+361+353 () :
/
P304+312 : /
P305+351+338 가 : .가

P321 ().
P322 ().
P331
P333+313 /
P337 :
P340 가
P362
P363
P370 :
P378 , , ,

[]:

P403+233 가

[]:

P501 ()

2.3. PBT (,) vPvB (,)

3.

/	%	GHS	
xylyene CAS No: 0001330-20-7	20-30	3; H226 - 4;H312	[1][2]

		- 4;H332 / 2;H315 / 2AIH319 -1 ;H336 - 1;H372	
Epoxy resin (av.mol.wt.<700) CAS No: 0025068-38-6	10-20	/ 2;H319 / 2;H315 1;H317 - 2;H411	[1]
Cyclohexanol, 4,4(1-methylethylidene)bis-, polymer with (chloromethyl)oxirane CAS No: 0030583-72-3	5-10	1;H317 - 2;H411	[1]
Solvent naphtha (petroleum), light aromatic CAS No: 0064742-95-6	2.5-5	1;H304	[1]
Aluminium, alkyls CAS No: 0007429-90-5	2.5-5	Water react. 2;H261 H250	[1][2]
Ethylbenzene CAS No: 0000100-41-4	2.5-5	2;H225 - 4;H332 - 3;H373 1;H304 / 2;H315 / 2;H319 -1 ;H335	[1][2]
Propylene glycol mono methyl ether CAS No: 0000107-98-2	2.5-5	3; H226 -1 ;H336	[1][2]
polyamide dispersion CAS No: 0055349-01-4	<1	1;H317 - 4;H413	[1]
	40-50	---	---

- 1)
- 2) 가
- 3) PBT vPvB
16

4.

4.1.

가

가

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

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

Aluminium, alkyls

2

Barium Sulphate

2

10

Ethylbenzene

125

545

100

435

Propylene glycol mono methyl ether	150	540	100	360
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

pH

/ (°C)

(°C)

117

27

(= 1)

(,)

/

: 1.1 (xylene)

: 6.6 (xylene)

(Pa)

1.34

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

가

Data

	LD50, mg/kg	LD50, mg/kg	LD50, mg/L/4hr	/ LD50, mg/L/4hr
Aluminium, alkyls - (7429-90-5)				
Cyclohexanol, 4,4(1-methylethylidene) bis-, polymer with (chloromethyl)oxirane - (30583-72-3)				
Epoxy resin (av.mol.wt.<700) - (25068-38-6)	2,000.00,	2,000.00,		
Ethylbenzene - (100-41-4)	3,500.00,	15,433.00,	17.20,	
polyamide dispersion - (55349-01-4)				
Propylene glycol mono methyl ether - (107-98-2)	5,000.00,	13,000.00,		
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,

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

12.

12.1. Dangerous Preparations Directive 1999/45/EC 가 .(3 .)

가

	96 hr LC50 ,	49 hr EC50 ,	ErC50 ,
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	mg/l	mg/l	mg/l
xylene - (1330-20-7)	3.30, Oncorhynchus mykiss	8.50, Palaemonetes pugio	100.00 (72 hr), Chlorococcales
Epoxy resin (av.mol.wt.<700) - (25068-38-6)	3.10, Pimephales promelas	1.40, Daphnia magna	
Cyclohexanol, 4,4(1-methylethylidene)bis-, polymer with (chloromethyl)oxirane - (30583-72-3)			
Solvent naphtha (petroleum), light aromatic - (64742-95-6)	9.22, Oncorhynchus mykiss	6.14, Daphnia magna	19.00 (72 hr), Selenastrum capricornutum
Aluminium, alkyls - (7429-90-5)	0.12, Oncorhynchus mykiss	3.50, Daphnia magna	
Ethylbenzene - (100-41-4)	4.20, Oncorhynchus mykiss	2.93, Daphnia magna	3.60 (96 hr), Pseudokirchneriella subcapitata
Propylene glycol mono methyl ether - (107-98-2)	1,000.00, Oncorhynchus mykiss	500.00, Daphnia magna	1,000.00 (96 hr), Selenastrum capricornutum
polyamide dispersion - (55349-01-4)			

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 :

14.6. 가 가

14.7. MARPOL73/78 Annex II IBC Code .

15.

4 , 2 , III

MSDS 8 .

1002372 (Unknown)

Aluminium, alkyls (0007429-90-5)

Ethylbenzene (0000100-41-4)

Talc (0014807-96-6)

1002372 (Unknown)

Ethylbenzene (0000100-41-4)

1002372 (Unknown)

Aluminium, alkyls (0007429-90-5)

Ethylbenzene (0000100-41-4)

xylene (0001330-20-7)

1002372 (Unknown)

Aluminium, alkyls (0007429-90-5)

Ethylbenzene (0000100-41-4)

xylene (0001330-20-7)

1002372 (Unknown)

1002372 (Unknown)

1002372 (Unknown)

1002372 (Unknown)

1002372 (Unknown)

1002372 (Unknown)

Aluminium, alkyls (0007429-90-5)

Barium Sulphate (0007727-43-7)

Epoxy resin (av.mol.wt.<700) (0025068-38-6)

Ethylbenzene (0000100-41-4)

xylene (0001330-20-7)

1002372 (Unknown)
1002372 (Unknown)
1002372 (Unknown)
Talc (0014807-96-6)

16.

: 10/25/2014
: 4
: 02/11/2009

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

SDS

Section 3 Phrases

H225

H226

H250

H261 가

H304

H312

H315

H317

H319

H332

H335

H336

H372

H373

H411

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



Akzo Nobel

가