

EPA362/S INTERGARD 361 GREY PART A

4

10/27/14

1.

1.1. INTERGARD 361 GREY PART A
EPA362/S

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

/

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	
Fatty Acids, C18-unsaturated, Polymers with Bisphenol A and epichlorohydrin CAS No: 0067989-52-0	10-20	/ 2;H319 -1 ;H335 1;H317 - 2;H411	[1]
xylene CAS No: 0001330-20-7	10-20	3; H226 - 4;H312 - 4;H332 / 2;H315 / 2AH319 -1 ;H336 - 1;H372	[1][2]
Titanium dioxide CAS No: 0013463-67-7	2.5-5		[1][2]

Solvent naphtha (petroleum), light aromatic CAS No: 0064742-95-6	2.5-5	1;H304	[1]
Aluminium, alkyls CAS No: 0007429-90-5	1-2.5	Water react. 2;H261 H250	[1][2]
Benzyl alcohol CAS No: 0000100-51-6	1-2.5	- 4;H332 - 4;H302	[1]
n-Butanol CAS No: 0000071-36-3	1-2.5	3; H226 - 4;H302 -1 ;H335 / 2;H315 / 1;H318 -1 ;H336	[1][2]
polyamide dispersion CAS No: 0055349-01-4	<1	1;H317 - 4;H413	[1]
	50-60	---	---

- 1)
- 2) 가
- 3) PBT vPvB
16

4.

4.1.

가

가

10

4.2. 가 /

4.3.

5. ,

5.1.

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Note; 가

가

5.2.

가

5.3.

가

가

6.

6.1.

가

가

가 가

6.2.

가

6.3.

.8

가

가

(13 .)

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

n-Butanol C50 C150

Talc 2

Titanium dioxide 10

xylene 150 655 100 434

(P) (Peak exposure limit)

(R)

(Sk)
(Sen)
(Cat 1)
(Cat 2)
(Cat 3)

가

DNEL/PNEC

8.2.

가

가

(visor)

(overall)

가

가

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가

9.

pH

/ (°C)

(°C)

65

23

(= 1)

(,)

/

: 1.1 (xylene)

: 6.6 (xylene)

(Pa)

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
Aluminium, alkyls - (7429-90-5)				
Benzyl alcohol - (100-51-6)	1,230.00,	2,000.00,		4.178,
Fatty Acids, C18-unsaturated, Polymers with Bisphenol A and epichlorohydrin - (67989-52-0)				

n-Butanol - (71-36-3)	2,292.00,	3,430.00,		
polyamide dispersion - (55349-01-4)				
Solvent naphtha (petroleum), light aromatic - (64742-95-6)	6,800.00,	3,400.00,		
Titanium dioxide - (13463-67-7)	10,000.00,	10,000.00,		6.82,
xylene - (1330-20-7)	4,299.00,	1,548.00,		20.00,

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()		
/	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 ,
Fatty Acids, C18-unsaturated, Polymers with Bisphenol A and epichlorohydrin - (67989-52-0)			
xylene - (1330-20-7)	3.30, Oncorhynchus mykiss	8.50, Palaemonetes pugio	100.00 (72 hr), Chlorococcales
Titanium dioxide - (13463-67-7)	1,000.00, Fundulus heteroclitus	5.50, Daphnia magna	5.83 (72 hr), Pseudokirchneriella subcapitata
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	
Benzyl alcohol - (100-51-6)	10.00, Lepomis macrochirus	55.00, Daphnia magna	700.00 (72 hr),
n-Butanol - (71-36-3)		1,328.00, Daphnia	500.00 (96 hr), Scenedesmus

	1,376.00, Pimephales promelas	magna	subspicatus
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.

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IMDG :

14.6. 가 가

14.7. MARPOL73/78 Annex II IBC Code .

4 , 2 , III

MSDS 8

Aluminium, alkyls (0007429-90-5)

n-Butanol (0000071-36-3)

Talc (0014807-96-6)

Titanium dioxide (0013463-67-7)

(CMR):

Silica(quartz) (0014808-60-7)

ethanol (0000064-17-5)

Ethylbenzene (0000100-41-4)

Titanium dioxide (0013463-67-7)

:

Aluminium, alkyls (0007429-90-5)

n-Butanol (0000071-36-3)

Titanium dioxide (0013463-67-7)

xylene (0001330-20-7)

:

Aluminium, alkyls (0007429-90-5)

n-Butanol (0000071-36-3)

xylene (0001330-20-7)

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Group I:

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Group II:

Aluminium, alkyls (0007429-90-5)

Barium Sulphate (0007727-43-7)

Ethylbenzene (0000100-41-4)

xylene (0001330-20-7)

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Talc (0014807-96-6)

: 10/27/2014
: 4
: 07/08/2011

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

SDS

Section 3 Phrases

- H226
- H250
- H261
- H302
- H304
- H312
- H315
- H317
- H318
- H319
- H332
- H335
- H336
- H372
- H411

가

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



Akzo Nobel

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