

EPA314 INTERGARD 361 RAL7035 LIGHT GREY PT A

5

10/27/14

1.

1.1. INTERGARD 361 RAL7035 LIGHT GREY PT A
EPA314

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 / / /
P261 / /가 / / /
P264
P272
P273
P280 / / /

[]:

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

P321 ().
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 / 2;H319 -1 ;H336 - 1;H372	[1][2]
Titanium dioxide CAS No: 0013463-67-7	5-10		[1][2]
n-Butanol CAS No: 0000071-36-3	1-2.5	3; H226 - 4;H302 -1 ;H335 / 2;H315 / 1;H318	[1][2]

		-1 ;H336	
Ethylbenzene CAS No: 0000100-41-4	1-2.5	2;H225 - 4;H332 - 3;H373 1;H304 / 2;H315 / 2;H319 -1 ;H335	[1][2]
3-glycidyloxypropyl-triethoxysilane CAS No: 0002602-34-8	1-2.5		[1]
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;

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가

5.2.

가

5.3.

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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. ()

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가 , 가
가 , 61
1

7.3. Specific end use(s)

가
, 가 . 3

Hot surfaces, Sparks,

가 (60% ,)

8.

8.1. ,
(OEL) (ACGIH)

(ACGIH)

	ppm	mg/m ³	ppm	mg/m ³
Barium Sulphate			2	10
Ethylbenzene	125	545	100	435
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

가

가

9.

pH

/ (°C)

(°C)

65

23

(= 1)

(,)

/

: 1.1 (xylene)

: 6.6 (xylene)

(Pa)

9.2.

10.

10.1.

10.2.

.(Section 7)

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10.3. 가

10.4.

.(7 .)

10.5.

10.6.

가

11.

(OEL)

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가

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2

	LD50, mg/kg	LD50, mg/kg	LD50, mg/L/4hr	/ LD50, mg/L/4hr
3-glycidyloxypropyl-triethoxysilane - (2602-34-8)				
Ethylbenzene - (100-41-4)	3,500.00,	15,433.00,	17.20,	
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)				
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)		
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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
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
3-glycidyloxypropyl-triethoxysilane - (2602-34-8)			
polyamide dispersion - (55349-01-4)			

12.2.

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12.3.

12.4.

12.5. , 가

PBT (,) vPvB (,) .

12.6.

13.

13.1.

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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

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14.6.

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14.7.

MARPOL73/78 Annex II IBC Code .

15.

MSDS 8

n-Butanol (0000071-36-3)
Ethylbenzene (0000100-41-4)
Talc (0014807-96-6)
Titanium dioxide (0013463-67-7)

(CMR):

carbon black (0001333-86-4)
Silica(quartz) (0014808-60-7)
ethanol (0000064-17-5)
Ethylbenzene (0000100-41-4)
Titanium dioxide (0013463-67-7)

:

n-Butanol (0000071-36-3)
Ethylbenzene (0000100-41-4)
Titanium dioxide (0013463-67-7)
xylene (0001330-20-7)

:

n-Butanol (0000071-36-3)
Ethylbenzene (0000100-41-4)
xylene (0001330-20-7)

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Group I:

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Group II:

Barium Sulphate (0007727-43-7)
Ethylbenzene (0000100-41-4)
xylene (0001330-20-7)

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Talc (0014807-96-6)

: 10/27/2014

: 5

: 03/02/2012

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

SDS

Section 3 Phrases

H225

H226

H302

H304

H312

H315

H317

H318

H319

H332

H335

H336

H372

H373

H411

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



Akzo Nobel

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