

KNA340/T INTERGARD 343 BRONZE PART A

4

10/28/14

1.

1.1. INTERGARD 343 BRONZE PART A
KNA340/T

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	
EPOXY RESIN CAS No: 0025036-25-3	30-40	/ 2;H319 / 2;H315, 1;H317	[1]
xylene CAS No: 0001330-20-7	5-10	3; H226 - 4;H312 - 4;H332 / 2;H315 / 2;H319 -1 ;H336 - 1;H372	[1][2]
Solvent naphtha (petroleum), light aromatic CAS No: 0064742-95-6	2.5-5	1;H304	[1]
Aluminium, alkyls	2.5-5	Water	[1][2]

CAS No: 0007429-90-5		react. 2;H261 H250	
Propylene glycol mono methyl ether CAS No: 0000107-98-2	2.5-5	3; H226 -1 ;H336	[1][2]
1,2,4-trimethylbenzene CAS No: 0000095-63-6	1-2.5	3; H226 - 4;H332 / 2;H319 -1 ;H335 / 2;H315 - 2;H411	[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

10

4.2. 가 /

4.3.

5. ,

5.1.

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Note;

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가

5.2.

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5.3.

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가

6.

6.1.

가

가

가

가

6.2.

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6.3.

.8

가

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/m ³	ppm	mg/m ³
Aluminium, alkyls				2
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

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가

9.

pH

/ (°C)

(°C)

65

29

(= 1)

(,)

/

: 1.1 (xylene)

: 6.6 (xylene)

(Pa)

1.46

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
1,2,4-trimethylbenzene - (95-63-6)	3,400.00,	3,160.00,	18.00,	
Aluminium, alkyls - (7429-90-5)				
EPOXY RESIN - (25036-25-3)				
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,

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()		
/	2	
/	2	
	1	
(1)		
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12.

12.1.

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

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	96 hr LC50 mg/l ,	49 hr EC50 mg/l ,	ErC50 mg/l ,
EPOXY RESIN - (25036-25-3)			
xylene - (1330-20-7)	3.30, Oncorhynchus mykiss	8.50, Palaemonetes pugio	100.00 (72 hr), Chlorococcales
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	
Propylene glycol mono methyl ether - (107-98-2)	1,000.00, Oncorhynchus mykiss	500.00, Daphnia magna	1,000.00 (96 hr), Selenastrum capricornutum
1,2,4-trimethylbenzene - (95-63-6)	7.72, Pimephales promelas	3.60, Daphnia magna	
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.

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 .

15.

4 , 2 , III

MSDS 8

Aluminium, alkyls (0007429-90-5)

Talc (0014807-96-6)

(CMR):

Silica(quartz) (0014808-60-7)

ethanol (0000064-17-5)

:

Aluminium, alkyls (0007429-90-5)

xylene (0001330-20-7)

:

Aluminium, alkyls (0007429-90-5)

xylene (0001330-20-7)

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Group I:

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Group II:

Aluminium, alkyls (0007429-90-5)

xylene (0001330-20-7)

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:

Talc (0014807-96-6)

16.

: 10/27/2014

: 4

: 06/13/2012

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

SDS

Section 3

Phrases

H226

H250

H261

가

H304

H312

H315

H317

H319
H332
H335
H336
H372
H411

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



Akzo Nobel

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