

EPA360/H INTERGARD 361 PART B

4

10/27/14

1.

1.1. INTERGARD 361 PART B
EPA360/H

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 ;H335

2.2.

11 , 12



H226

H315

H319

H335

[]:

P210 / / /

P261 / /가 / / /

P264

P271 가

P280 / / /

[]:

P302+352 :

P303+361+353 () :

P304+312 :

P305+351+338 가 : .가

P312 /

P321 ().

P337+313 : /

P340 가

P362

P370 :

P378 , , ,

[]:

P403+233 가

P405 가

[]:

P501 ()

2.3. PBT (,) vPvB (,)

3.

/	%	GHS	
Polyamide Resin CAS No:	40-50		[1]
xylene CAS No: 0001330-20-7	30-40	3; H226 - 4;H312 - 4;H332 / 2;H315 / 2AIH319 -1 ;H336 - 1;H372	[1][2]
2,4,6-Tris(dimethylaminomethyl)phenol CAS No: 0000090-72-2	5-10	- 4;H302 / 2;H319 / 2;H315	[1]
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]
	10-20	---	---

- 1)
- 2)
- 3) PBT 가
 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. ()

: , , .

,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

Ethylbenzene

125

545

100

435

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)

137

23

(= 1)

(,)

/

: 1.1 (xylene)

: 6.6 (xylene)

(Pa)

0.94

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

가

2

	LD50, mg/kg	LD50, mg/kg	LD50, mg/L/4hr	/ LD50, mg/L/4hr
2,4,6-Tris(dimethylaminomethyl)phenol - (90-72-2)	1,200.00,	1,280.00,		
Ethylbenzene - (100-41-4)	3,500.00,	15,433.00,	17.20,	
Polyamide Resin - ()				
xylene - (1330-20-7)	4,299.00,	1,548.00,		20.00,

()		
()		
()		
/	2	
/	2	
(1)	3	
()		

12.

12.1.

1999/45/EC

가

가

	96 hr LC50 mg/l	49 hr EC50 mg/l	ErC50 mg/l
Polyamide Resin - ()			
xylene - (1330-20-7)	3.30, Oncorhynchus mykiss	8.50, Palaemonetes pugio	100.00 (72 hr), Chlorococcales
2,4,6-Tris(dimethylaminomethyl)phenol - (90-72-2)			
Ethylbenzene - (100-41-4)	4.20, Oncorhynchus mykiss	2.93, Daphnia magna	3.60 (96 hr), Pseudokirchneriella subcapitata

12.2.

가

12.3.

12.4.

12.5.

, PBT (,) , vPvB (,) 가

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 .

Ethylbenzene (0000100-41-4)

(CMR):

Ethylbenzene (0000100-41-4)

:

Ethylbenzene (0000100-41-4)

xylene (0001330-20-7)

:

Ethylbenzene (0000100-41-4)

xylene (0001330-20-7)

가 :

()

:

()

:

()

:

()

Group I:

()

Group II:

Ethylbenzene (0000100-41-4)

xylene (0001330-20-7)

:

()

()

:

()

16.

: 10/27/2014

: 4

: 02/22/2012

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

SDS

Section 3 Phrases

H225

H226

H302

H304

H312

H315

H319

H332

H335

H336

H372

H373

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



Akzo Nobel

가