

EPA352 INTERPLUS 356 PINK PART A

6

10/27/14

1.

1.1. INTERPLUS 356 PINK PART A  
EPA352

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	
Solvent naphtha (petroleum), light aromatic CAS No: 0064742-95-6	5-10	1;H304	[1]
Epoxy resin (av.mol.wt.<700) CAS No: 0025068-38-6	5-10	/ 2;H319 / 2;H315 1;H317 - 2;H411	[1]
1,2,4-trimethylbenzene CAS No: 0000095-63-6	2.5-5	3; H226 - 4;H332 / 2;H319 -1 ;H335 / 2;H315 - 2;H411	[1][2]
Alkyl(C12-C14)glycidyl ether	2.5-5		[1]

CAS No: 0068609-97-2		/ 2;H315 1;H317	
Diglycidylether of Polypropyleneglycol CAS No: 0026142-30-3	1-2.5		[1]
Aluminium, alkyls CAS No: 0007429-90-5	1-2.5	Water react. 2;H261 H250	[1][2]
Titanium dioxide CAS No: 0013463-67-7	1-2.5		[1][2]
Propylene glycol mono methyl ether CAS No: 0000107-98-2	1-2.5	3; H226 -1 ;H336	[1][2]
1,3,5-trimethylbenzene CAS No: 0000108-67-8	1-2.5	3; H226 -1 ;H335 - 2;H411	[1]
Iron(III) oxide CAS No: 0001332-37-2	1-2.5		[1]
	60-70	---	---

- 1)
- 2) 가
- 3) PBT vPvB  
16

4.

4.1.  
가

가

10

4.2. 가 /

4.3.

5. ,

5.1.

Note;

가

5.2.

가

가

5.3.

가

가

6.

6.1.

가

가

가 가

6.2.

가

6.3.

.8

가

가

(13 )

가

가

7.

7.1.

가

가 (LEL)

(OEL)

가

가

가 (LEL)

(OEL)

7.2. ( )

, 8

가 , 가 , 1 가

7.3. Specific end use(s)

가

, 가 . 3

Hot surfaces, Sparks,

가 ( 60% , )

8.

8.1.

(OEL)

(ACGIH)

(ACGIH)

ppm

mg/m<sup>3</sup>

ppm

mg/m<sup>3</sup>

Aluminium, alkyls

2

Mica

3

Propylene glycol mono methyl ether

150

540

100

360

Titanium dioxide

10

(P) (Peak exposure limit)

(R)

(Sk)

(Sen)

(Cat 1)

(Cat 2)

(Cat 3)

가

8.2.

가

가

(visor)

(overall)

가

가

.가

가

9.

pH

/ (°C)

(°C)

116

44

( = 1)

( , )

/

ether )

: 1.6 ( Propylene glycol mono methyl

aromatic )

: 7 ( Solvent naphtha (petroleum), light

(Pa)

1.70

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

Data

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,	
1,3,5-trimethylbenzene - (108-67-8)			24.00,	
Alkyl(C12-C14)glycidyl ether - (68609-97-2)				
Aluminium, alkyls - (7429-90-5)				
Diglycidylether of Polypropyleneglycol -				

(26142-30-3)				
Epoxy resin (av.mol.wt.<700) - (25068-38-6)	2,000.00,	2,000.00,		
Iron(III) oxide - (1332-37-2)				
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,		
Titanium dioxide - (13463-67-7)	10,000.00,	10,000.00,		6.82,

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

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
Solvent naphtha (petroleum), light aromatic - (64742-95-6)	9.22, Oncorhynchus mykiss	6.14, Daphnia magna	19.00 (72 hr), Selenastrum capricornutum
Epoxy resin (av.mol.wt.<700) - (25068-38-6)	3.10, Pimephales promelas	1.40, Daphnia magna	
1,2,4-trimethylbenzene - (95-63-6)	7.72, Pimephales promelas	3.60, Daphnia magna	
Alkyl(C12-C14)glycidyl ether - (68609-97-2)			
Diglycidylether of Polypropyleneglycol - (26142-30-3)			
Aluminium, alkyls - (7429-90-5)	0.12, Oncorhynchus mykiss	3.50, Daphnia magna	
Titanium dioxide - (13463-67-7)	1,000.00, Fundulus	5.50, Daphnia	



	heteroclitus	magna	5.83 (72 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
1,3,5-trimethylbenzene - (108-67-8)	12.52, Carassius auratus	6.00, Daphnia magna	25.00 (48 hr), Scenedesmus subspicatus
Iron(III) oxide - (1332-37-2)			

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

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14.7. MARPOL73/78 Annex II IBC Code .

15.

4 , 2 , III

**MSDS 8 .**

Aluminium, alkyls (0007429-90-5)

Red Iron Oxide (0001332-37-2)

Mica (0012001-26-2)

Titanium dioxide (0013463-67-7)

**(CMR):**

Silica(quartz) (0014808-60-7)

Titanium dioxide (0013463-67-7)

:

Aluminium, alkyls (0007429-90-5)

Titanium dioxide (0013463-67-7)

:

Aluminium, alkyls (0007429-90-5)

Red Iron Oxide (0001332-37-2)

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**Group I:**

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**Group II:**

Aluminium, alkyls (0007429-90-5)

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

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( )

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( )

16.

: 10/27/2014

: 6

: 01/03/2014

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

SDS

Section 3 Phrases

H226

H250

H261 가

H304

H315

H317

H319

H332

H335

H336

H411

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



Akzo Nobel

가