

EGA932 INTERZONE 505 RAL9002 GREY WHITE PT A

4

10/25/14

1.

1.1. INTERZONE 505 RAL9002 GREY WHITE PT A  
EGA932

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

1B;H350

2;H411

2.2.

11 , 12



H226  
H315  
H317  
H319  
H350  
H411

[ ]:

P201  
P202  
P210 / / /  
P261 / /가 / / /  
P264  
P272  
P273  
P280 / / /

[ ]:

P302+352 :  
P303+361+353 ( ) :  
/ 가 : .가  
P308+313 : /  
P312 /  
P321 ( ).  
P333 :  
P337 :  
P362  
P363  
P370 :  
P378 , , ,  
P391

[ ]:

P403+233 가  
P405 가

[ ]:

P501 ( )

2.3. PBT ( , ) vPvB ( , )

3.

/	%	GHS	
Epoxy resin (av.mol.wt.<700) CAS No: 0025068-38-6	50-60	/ 2;H319 / 2;H315 1;H317 - 2;H411	[1]
Titanium dioxide CAS No: 0013463-67-7	5-10		[1][2]
Propylene glycol mono methyl ether CAS No: 0000107-98-2	2.5-5	3; H226	[1][2]

		-1 ;H336	
Benzyl alcohol CAS No: 0000100-51-6	2.5-5	- 4;H332 - 4;H302	[1]
xylene CAS No: 0001330-20-7	2.5-5	3; H226 - 4;H312 - 4;H332 / 2;H315 / 2AIH319 -1 ;H336 - 1;H372	[1][2]
3-Glycidyloxypropyl-trimethoxysilane CAS No: 0002530-83-8	<1	/ 1;H318	[1]
Distillates (petroleum), solvent refined heavy paraffinic CAS No: 0064741-88-4	<1	1B;H350	[1]
	20-30	---	---

- 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  
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>
Propylene glycol mono methyl ether	150	540	100	360
Titanium dioxide				10
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

.가

가

9.

pH

/ (°C)

(°C)

108

37

( = 1)

( , )

/

: 1.1 ( xylene )

: 6.6 ( xylene )

(Pa)

1.40

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

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가

2

	LD50, mg/kg	LD50, mg/kg	LD50, mg/L/4hr	/ LD50, mg/L/4hr
3-Glycidyoxypropyl-trimethoxysilane - (2530-83-8)	8,030.00,	4,248.00,		5.30,
Benzyl alcohol - (100-51-6)	1,230.00,	2,000.00,		4.178,
Distillates (petroleum), solvent refined heavy paraffinic - (64741-88-4)				
Epoxy resin (av.mol.wt.<700) - (25068- 38-6)	2,000.00,	2,000.00,		
Propylene glycol mono methyl ether - (107-98-2)	5,000.00,	13,000.00,		
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,

( )		
( )		
( )		
/	2	
/	2	
	1	
	1B	
(1 )		
( )		

**12.**

**12.1.**

Dangerous Preparations Directive 1999/45/EC

가  
( 3 )

가

	<b>96 hr LC50</b> mg/l	<b>49 hr EC50</b> mg/l	<b>ErC50</b> mg/l
Epoxy resin (av.mol.wt.<700) - (25068-38-6)	3.10, Pimephales promelas	1.40, Daphnia magna	
Titanium dioxide - (13463-67-7)	1,000.00, Fundulus heteroclitus	5.50, Daphnia 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
Benzyl alcohol - (100-51-6)	10.00, Lepomis macrochirus	55.00, Daphnia magna	700.00 (72 hr),
xylene - (1330-20-7)	3.30, Oncorhynchus mykiss	8.50, Palaemonetes pugio	100.00 (72 hr), Chlorococcales
3-Glycidyoxypropyl-trimethoxysilane - (2530-83-8)	55.00, Cyprinus carpio	473.00, Daphnia magna	255.00 (72 hr), Scenedesmus subspicatus
Distillates (petroleum), solvent refined heavy paraffinic - (64741-88-4)			

**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 : (Epoxy Resin)

14.6. 가 가

14.7. MARPOL73/78 Annex II IBC Code .

15.

Titanium dioxide (0013463-67-7)

**(CMR):**

carbon black (0001333-86-4)

Ethylbenzene (0000100-41-4)

Titanium dioxide (0013463-67-7)

:

Titanium dioxide (0013463-67-7)

xylene (0001330-20-7)

:

xylene (0001330-20-7)

가

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

**Group I:**

( )

**Group II:**

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

Ethylbenzene (0000100-41-4)

xylene (0001330-20-7)

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( )

**16.**

: 10/25/2014

: 4

: 07/24/2013

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

SDS

Section 3 Phrases

H226

H302

H312

H315

H317

H319

H332

H336

H372

H411

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



Akzo Nobel

가