

EGY899 INTERSEAL 670HS RAL7021 DARK GREY PART A

1

03/12/15

1.

1.1. INTERSEAL 670HS RAL7021 DARK GREY PART A  
EGY899

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 (av.mol.wt.<700) CAS No: 0025068-38-6	10-20	/ 2;H319 / 2;H315 1;H317 - 2;H411	[1]
xylene CAS No: 0001330-20-7	5-10	3; H226 - 4;H312 - 4;H332 / 2;H315 / 2A;H319 -1 ;H336 - 1;H372	[1][2]
Propylene glycol mono methyl ether CAS No: 0000107-98-2	1-2.5	3; H226 -1 ;H336	[1][2]

Solvent naphtha (petroleum), light aromatic CAS No: 0064742-95-6	1-2.5	1;H304	[1]
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]
polyamide dispersion CAS No: 0055349-01-4	<1	1;H317 - 4;H413	[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

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  
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>

Ethylbenzene

125

545

100

435

Propylene glycol mono methyl ether

150

540

100

360

Talc

2

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)

65

36

( = 1)

( , )

/

: 1.1 ( xylene )

: 6.6 ( xylene )

(Pa)

1.67

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
Epoxy resin (av.mol.wt.<700) - (25068-38-6)	2,000.00,	2,000.00,		
Ethylbenzene - (100-41-4)	3,500.00,	15,433.00,	17.20,	
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,

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

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 ,
Epoxy resin (av.mol.wt.<700) - (25068-38-6)	3.10, Pimephales promelas	1.40, Daphnia magna	
xylene - (1330-20-7)	3.30, Oncorhynchus mykiss	8.50, Palaemonetes pugio	100.00 (72 hr), Chlorococcales
Propylene glycol mono methyl ether - (107-98-2)	1,000.00, Oncorhynchus mykiss	500.00, Daphnia magna	1,000.00 (96 hr), Selenastrum capricornutum
Solvent naphtha (petroleum), light aromatic - (64742-95-6)	9.22, Oncorhynchus mykiss	6.14, Daphnia magna	19.00 (72 hr), Selenastrum capricornutum
Ethylbenzene - (100-41-4)	4.20, Oncorhynchus mykiss	2.93, Daphnia magna	3.60 (96 hr), Pseudokirchneriella subcapitata
polyamide dispersion - (55349-01-4)			

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.

:

IMDG

:

14.6.

가

가

14.7.

MARPOL73/78 Annex II IBC Code .

15.

4

, 2

,

III

MSDS 8

Ethylbenzene (0000100-41-4)

Talc (0014807-96-6)

Titanium dioxide (0013463-67-7)

**(CMR):**

carbon black (0001333-86-4)

Silica(quartz) (0014808-60-7)

Cyclohexanone (0000108-94-1)

ethanol (0000064-17-5)

Ethylbenzene (0000100-41-4)

Titanium dioxide (0013463-67-7)

:

Ethylbenzene (0000100-41-4)

Titanium dioxide (0013463-67-7)

xylene (0001330-20-7)

:

Ethylbenzene (0000100-41-4)

xylene (0001330-20-7)

가

:

( )

:

( )

:

( )

:

( )

**Group I:**

( )

**Group II:**

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

Ethylbenzene (0000100-41-4)

xylene (0001330-20-7)

:

( )

( )

:

Talc (0014807-96-6)

**16.**

: 12/03/2015

: 1

: 02/03/2015

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

SDS

H225  
H226  
H304  
H312  
H315  
H317  
H319  
H332  
H335  
H336  
H372  
H373  
H411

**SDS**



Akzo Nobel

가