

**EAL549 INTERZONE 954 SIGNAL GREEN PART A**

1

08/30/13

**1.**
**1.1.** INTERZONE 954 SIGNAL GREEN PART A  
EAL549

**1.2.**
**1.3.**

 International Paint Singapore Pte Ltd  
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 Jurong Town  
 Singapore 628570

+65 6261 5033

+65 6264 4612

**1.4.** +65 6261 5033

**2.**
**2.1.** .

**2.2.**

11 , 12

[ ]:

[ ]:

[ ]:

[ ]:

**2.3.** .

**3.**

/	%	GHS	
Epoxy resin (av.mol.wt.<700)	20-30	/ 2;H319	[1]
CAS No:		/ 2;H315 1;H317	

		- 2;H411	
xylene CAS No: 0001330-20-7	5-10	3; H226 - 4;H332 - 4;H312 / 2;H315	[1][2]
Iron oxide CAS No: 0001309-37-1	5-10		[1][2]
Petroleum derived aromatic hydrocarbon resin CAS No: 0068410-16-2	1-2.5		[1]
Ethylbenzene CAS No: 0000100-41-4	1-2.5	2;H225 - 4;H332	[1][2]
3-Glycidyloxypropyl-trimethoxysilane CAS No: 0002530-83-8	1-2.5	/ 1;H318	[1]
Methyl isobutyl ketone CAS No: 0000108-10-1	1-2.5	2;H225 - 4;H332 / 2;H319 -1 ;H335	[1][2]

- 1)
- 2) 가
- 3) PBT vPvB  
16 가 , 가

4.

4.1.

4.2. 가 /

4.3.

5. ,

5.1.

5.2.

5.3.

6.

6.1.

6.2.

6.3.

7.

7.1.

7.2. ( )

7.3. Specific end use(s)

8.

8.1. , (OEL) (ACGIH)

	(ACGIH)			
	ppm	mg/m <sup>3</sup>	ppm	mg/m <sup>3</sup>
Ethylbenzene	125	543	100	434
Iron oxide	-	-	-	5
Methyl isobutyl ketone	75	307	50	205
Talc	-	-	-	2
xylene	150	651	100	434

(P) (Peak exposure limit)  
(R)  
(Sk)  
(Sen)  
(Cat 1)  
(Cat 2) 가  
(Cat 3)

**DNEL/PNEC**

8.2.

9.

pH / (°C) (°C)

( = 1)

( , ) / : 1.1 ( xylene )

(Pa) : 6.6 ( xylene )

0.00

n- / (Log Kow)

9.2.

10.

10.1.

10.2.

10.3. 가

10.4.

10.5.

10.6.

11.

	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,
Epoxy resin (av.mol.wt.<700) - ( )	2,000.00,	2,000.00,		
Ethylbenzene - (100-41-4)	3,500.00,	15,433.00,	17.20,	
Iron oxide - (1309-37-1)	10,000.00,			
Methyl isobutyl ketone - (108-10-1)	2,080.00,	16,000.00,		

Petroleum derived aromatic hydrocarbon resin - (68410-16-2)				
xylene - (1330-20-7)	4,299.00,	1,548.00,		20.00,

( )		
( )		
( )		
/		
/		
(1 )		
( )		

**12.**

**12.1.**

	<b>96 hr LC50 mg/l</b>	<b>49 hr EC50 mg/l</b>	<b>ErC50 mg/l</b>
Epoxy resin (av.mol.wt.<700) - ( )	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
Iron oxide - (1309-37-1)			
Petroleum derived aromatic hydrocarbon resin - (68410-16-2)			
Ethylbenzene - (100-41-4)	4.20, Oncorhynchus mykiss	2.93, Daphnia magna	3.60 (96 hr), Pseudokirchneriella subcapitata
3-Glycidyoxypropyl-trimethoxysilane - (2530-83-8)	55.00, Cyprinus carpio	473.00, Daphnia magna	255.00 (72 hr), Scenedesmus subspicatus
Methyl isobutyl ketone - (108-10-1)	505.00, Pimephales promelas	1,550.00, Daphnia magna	980.00 (48 hr), Scenedesmus subspicatus

**12.2.**

**12.3.**

**12.4.**

**12.5.** , , 가

**12.6.**

13.

13.1.

14.

14.1.

14.2.

14.3.

IMDG

Class/Div.

EmS

ICAO/IATA

14.4.

14.5.

:

IMDG

:

14.6.

가

가

14.7.

MARPOL73/78 Annex II IBC Code .

15.

16.

SDS

Section 3

Phrases

H225

H226

H312

H315  
H317  
H318  
H319  
H332  
H335  
H336  
H372  
H411

**SDS**



Akzo Nobel

가