

HFA966 INTERCHAR 963 TROPICAL GRADE WHITE

4

10/27/14

1.

1.1. INTERCHAR 963 TROPICAL GRADE WHITE
HFA966

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.

2;H225

/

2;H315

/

2;H319

3;H412

2.2.

11 , 12



H225

H315

H319

H412

[]:

P210 / / /

P264

P273

P280 / / /

[]:

P302+352 :

P303+361+353 () :

P305+351+338 가 : .가

P321 ().

P337+313 : /

P362

P370 :

P378 , , ,

[]:

P403+233 가

[]:

P501 ()

2.3. PBT () vPvB ()

3.

/	%	GHS	
xylene CAS No: 0001330-20-7	10-20	3; H226 - 4;H312 - 4;H332 / 2;H315 / 2;H319 -1 ;H336 - 1;H372	[1][2]
Titanium dioxide CAS No: 0013463-67-7	5-10		[1][2]
Formaldehyde-melamine polymer CAS No: 0009003-08-1	5-10		[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]
	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 .
, AS/NZS 1940(가)
/ 1 .
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

Titanium dioxide

10

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

5

(= 1)

(,)

/

: 1.1 (xylene)

: 6.6 (xylene)

(Pa)

1.37

n-

/

(Log Kow)

9.2.

10.

10.1.

10.2.

.(Section 7)

가

10.3.

가

10.4.

10.5.

.(7 .)

10.6.

가

11.

(OEL)

가

가

가

2

	LD50, mg/kg	LD50, mg/kg	LD50, mg/L/4hr	/ LD50, mg/L/4hr
Ethylbenzene - (100-41-4)	3,500.00,	15,433.00,	17.20,	
Formaldehyde-melamine polymer - (9003-08-1)				
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)		
()		

12.

12.1.

1999/45/EC

가

가

	96 hr LC50 mg/l	49 hr EC50 mg/l	ErC50 mg/l
xylene - (1330-20-7)	3.30, Oncorhynchus mykiss	8.50, Palaemonetes pugio	100.00 (72 hr), Chlorococcales
Titanium dioxide - (13463-67-7)	1,000.00, Fundulus heteroclitus	5.50, Daphnia magna	5.83 (72 hr), Pseudokirchneriella subcapitata
Formaldehyde-melamine polymer - (9003-08-1)			
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.

UN1263, Paint, CLASS 3, PG II, HAZCHEM *3YE

IMDG

Class/Div. 3

EmS

F-E,S-E

ICAO/IATA

3

14.4. II

14.5.

:

IMDG :

14.6. 가 가

14.7. MARPOL73/78 Annex II IBC Code .

15.

4 , 1 , II

MSDS 8 .

Ethylbenzene (0000100-41-4)
Titanium dioxide (0013463-67-7)

(CMR):

Ethylbenzene (0000100-41-4)
Formaldehyde (0000050-00-0)
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:

Ethylbenzene (0000100-41-4)

xylene (0001330-20-7)

()

()

()

16.

: 10/27/2014

: 4

: 04/01/2008

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

SDS

Section 3 Phrases

H225

H226

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