

NCA063 CEILCOTE 680M PART A

2

10/22/14

1.

1.1. CEILCOTE 680M PART A  
NCA063

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  
- 4;H332  
/  
2;H315  
/  
2;H319  
1;H317  
-  
2;H411

2.2.  
11 , 12



H226  
H315  
H317  
H319  
H332  
H411

[ ]:

P210 / / /  
P261 / /가 / / /  
P264  
P271 가  
P272  
P273  
P280 / / /

[ ]:

P302+352 :  
P303+361+353 ( ) :  
/  
P304+312 : /  
P305+351+338 가 : .가  
P312 /  
P321 ( ).  
P333+313 /  
P337 :  
P340 가  
P362  
P363  
P370 :  
P378 , , ,  
P391

[ ]:

P403+233 가

[ ]:

P501 ( )

2.3. PBT ( ) vPvB ( )

3.

| /  | %     | GHS  |        |
|--|-------|--|--------|
| Epoxy resin (av.mol.wt.<700)<br>CAS No: 0025068-38-6 | 80-90 | / 2;H319<br>/ 2;H315<br>1;H317<br>- 2;H411               | [1]    |
| xylene<br>CAS No: 0001330-20-7                       | 10-20 | 3; H226<br>- 4;H312<br>- 4;H332<br>/ 2;H315<br>/ 2AIH319 | [1][2] |

|  |       |  |        |
|--|-------|--|--------|
|  |       | -1 ;H336<br>- 1;H372   |        |
| Ethylbenzene<br>CAS No: 0000100-41-4                         | 2.5-5 | 2;H225<br>- 4;H332<br>- 3;H373<br>1;H304<br>/ 2;H315<br>/ 2;H319<br>-1 ;H335 | [1][2] |
| 3-Glycidyloxypropyl-trimethoxysilane<br>CAS No: 0002530-83-8 | <1    | / 1;H318   | [1]    |
|  | <1    | ---  | ---    |

- 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**

**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)

137

42

( = 1)

( , )

/

: 1.1 ( xylene )

: 6.6 ( xylene )

(Pa)

1.11

n-

/

(Log Kow)

9.2.

10.

10.1.

10.2.

(Section 7 )

가

10.3.

가

10.4.

10.5.

10.6.

가

11.

(OEL)

가

Data

가

2

가

|   | LD50,<br>mg/kg | LD50,<br>mg/kg | LD50,<br>mg/L/4hr | / LD50,<br>mg/L/4hr |
|---|----------------|----------------|-------------------|---------------------|
| 3-Glycidyloxypropyl-trimethoxysilane -<br>(2530-83-8) | 8,030.00,      | 4,248.00,      |                   | 5.30,               |
| Epoxy resin (av.mol.wt.<700) - (25068-<br>38-6)       | 2,000.00,      | 2,000.00,      |                   |                     |
| Ethylbenzene - (100-41-4)                             | 3,500.00,      | 15,433.00,     | 17.20,            |                     |
| xylene - (1330-20-7)                                  | 4,299.00,      | 1,548.00,      |                   | 20.00,              |

|     |   |  |
|-----|---|--|
|     |   |  |
| ( ) |   |  |
| ( ) |   |  |
| ( ) | 4 |  |
| /   | 2 |  |
| /   | 2 |  |
|     |   |  |
|     | 1 |  |

|      |  |  |
|------|--|--|
|      |  |  |
|      |  |  |
|      |  |  |
| (1 ) |  |  |
| ( )  |  |  |
|      |  |  |

**12.**

**12.1.**

Dangerous Preparations Directive 1999/45/EC

가  
. ( 3 )

가

|  | 96 hr LC50<br>mg/l        | 49 hr EC50<br>mg/l       | ErC50<br>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                |
| Ethylbenzene - (100-41-4)                          | 4.20, Oncorhynchus mykiss | 2.93, Daphnia magna      | 3.60 (96 hr), Pseudokirchneriella subcapitata |
| 3-Glycidyloxypropyl-trimethoxysilane - (2530-83-8) | 55.00, Cyprinus carpio    | 473.00, Daphnia magna    | 255.00 (72 hr), Scenedesmus subspicatus       |

**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 : (Epoxy Resin)

14.6. 가 가

14.7. MARPOL73/78 Annex II IBC Code .

15.

4 , 2 , III

MSDS 8 .

Ethylbenzene (0000100-41-4)

(CMR):

Ethylbenzene (0000100-41-4)

:

Ethylbenzene (0000100-41-4)

xylene (0001330-20-7)

:

Ethylbenzene (0000100-41-4)

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)

:  
( )

( )

:  
( )

16.

: 22/10/2014

: 2

: 21/10/2014

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

SDS

Section 3 Phrases

H225

H226

H304

H312

H315

H317

H319

H332

H335

H336

H372

H373

H411

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

