

OT0073_A0

Material Safety Data Sheet
 OT0073 ULTRA-BUILD EPOXY PRIMER REDUCER



Bulk Sales Reference No.:
 MSDS Revision Date:
 MSDS Revision Number:

Sales
 Order: {SalesOrd}
 OT0073
 09/13/2011
 A0-2

1. Identification of the preparation and company

1.1. Product identifier

Product Identity: OT0073 ULTRA-BUILD EPOXY PRIMER REDUCER
 Bulk Sales Reference No.: OT0073

1.2. Relevant identified uses of the substance or mixture and uses advised against

Intended Use: See Technical Data Sheet.
 Application Method: See Technical Data Sheet.

1.3. Details of the supplier of the safety data sheet

Company Name: Akzo Nobel Coatings
 International Paint LLC
 2270 Morris Avenue
 P. O. Box 386

Emergency

CHEMTREC (USA): (800) 424-9300
 International Paint: (713) 527-3887
 Poison Control Center: (800) 854-6813
 Customer Service
 International Paint: (800) 589-1267
 Fax No.: (800) 631-7481

2. Hazard identification of the product

2.1. Classification of the substance or mixture

2.2. Label elements

Using the Toxicity Data listed in section 11 & 12 the product is labelled as follows.

HMIS Rating: Health: 2 Flammability: 3 Reactivity: 0

3. Composition/information on ingredients

This product contains the following substances that present a hazard within the meaning of the relevant State and Federal Hazardous Substances regulations.

Ingredient/Chemical Designations	Weight %	GHS Classification	Notes
Benzene, methyl- CAS Number: 0000108-88-3	50 – 75	Flam. Liq. 2;H225 Repr. 2;H361d Asp. Tox. 1;H304 STOT RE 2;H373 Skin Irrit. 2;H315 STOT SE 3;H336	[1][2]

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Methylisobutyl ketone CAS Number: 0000108-10-1	25 – 50	Flam. Liq. 2;H225 Acute Tox. 4;H332 Eye Irrit. 2;H319 STOT SE 3;H335	[1][2]
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[1] Substance classified with a health or environmental hazard.

[2] Substance with a workplace exposure limit.

[3] PBT-substance or vPvB-substance.

*The full texts of the phrases are shown in Section 16.

4. First aid measures

4.1. Description of first aid measures

General	Remove contaminated clothing and shoes. Get medical attention immediately. Wash clothing before reuse. Thoroughly clean or destroy contaminated shoes.
Inhalation	If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention immediately.
Eyes	In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention immediately.
Skin	In case of contact, immediately flush skin with soap and plenty of water. Get medical attention immediately.
Ingestion	If swallowed, immediately contact Poison Control Center at 1-800-854-6813. DO NOT induce vomiting unless instructed to do so by medical personnel. Never give anything by mouth to an unconscious person.

4.2. Most important symptoms and effects, both acute and delayed

Overview	NOTICE: Reports have associated repeated and prolonged occupational overexposure to solvents with permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal. Avoid contact with eyes, skin and clothing.
Inhalation	Harmful if inhaled. May cause allergic respiratory reaction. Causes nose and throat irritation. Vapors may affect the brain or nervous system causing dizziness, headache or nausea.
Eyes	Risk of serious damage to eyes. Do not get in eyes. Protective equipment should be selected to provide protection from exposure to the chemicals listed in Section 3 of this document. Depending on the site-specific condition of use, safety glasses, chemical goggles, and/or head and face protection may be required to prevent contact. The equipment must be thoroughly cleaned, or discarded after each use.
Skin	Causes skin irritation. May cause delayed skin irritation. May be harmful if absorbed through the skin.
Ingestion	Harmful if swallowed. May cause abdominal pain, nausea, vomiting, diarrhea, or drowsiness.
Chronic effects	Birth defect hazard. Contains an ingredient which can cause birth defects (See Section 2 and Section 15 for each ingredient).

5. Fire-fighting measures

5.1. Extinguishing media

5.2. Special hazards arising from the substance or mixture

5.3. Advice for fire-fighters

ERG Guide No.

6. Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.2. Environmental precautions

6.3. Methods and material for containment and cleaning up

7. Handling and storage

7.1. Precautions for safe handling

Handling

In Storage

7.2. Conditions for safe storage, including any incompatibilities

7.3. Specific end use(s)

8. Exposure controls and personal protection

8.1. Control parameters

Exposure

CAS No.	Ingredient	Source	Value
0000108-10-1	Methylisobutyl ketone	OSHA	100 ppm TWA; 410 mg/m3 TWA75 ppm STEL; 300 mg/m3 STEL
		ACGIH	20 ppm TWA75 ppm STEL
		NIOSH	50 ppm TWA; 205 mg/m3 TWA75 ppm STEL; 300 mg/m3 STEL500 ppm IDLH
		Supplier	No Established Limit
		OHSA, CAN	20 ppm TWA75 ppm STEL
		Mexico	50 ppm TWA LMPE-PPT; 205 mg/m3 TWA LMPE-PPT75 ppm STEL [LMPE-CT]; 307 mg/m3 STEL [LMPE-CT]
		Brazil	No Established Limit
0000108-88-3	Benzene, methyl-	OSHA	200 ppm TWA150 ppm STEL; 560 mg/m3 STEL
		ACGIH	20 ppm TWA
		NIOSH	100 ppm TWA; 375 mg/m3 TWA150 ppm STEL; 560 mg/m3 STEL500 ppm IDLH
		Supplier	No Established Limit
		OHSA, CAN	20 ppm TWA
		Mexico	50 ppm TWA LMPE-PPT; 188 mg/m3 TWA LMPE-PPT
		Brazil	78 ppm TWA LT; 290 mg/m3 TWA LT

Health Data

CAS No.	Ingredient	Source	Value
0000108-10-1	Methylisobutyl ketone	NIOSH	Irritation liver
0000108-88-3	Benzene, methyl-	NIOSH	Central nervous system depressant

Carcinogen Data

CAS No.	Ingredient	Source	Value
0000108-10-1	Methylisobutyl ketone	OSHA	Select Carcinogen: Yes
		NTP	Known: No; Suspected: No
		IARC	Group 1: No; Group 2a: No; Group 2b: Yes; Group 3: No; Group 4: No;
0000108-88-3	Benzene, methyl-	OSHA	Select Carcinogen: No
		NTP	Known: No; Suspected: No
		IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: Yes; Group 4: No;

8.2. Exposure controls

Respiratory

Eyes

Skin

Engineering Controls

Other Work Practices

9. Physical and chemical properties

Appearance	
Odour threshold	
pH	
Melting point / freezing point	
Initial boiling point and boiling range	
Flash Point	
Evaporation rate (Ether = 1)	
Flammability (solid, gas)	
Upper/lower flammability or explosive limits	Lower Explosive Limit: Upper Explosive Limit:
vapor pressure (Pa)	
Vapor Density	
Specific Gravity	0.00
Partition coefficient n-octanol/water (Log Kow)	
Auto-ignition temperature	
Decomposition temperature	
Viscosity (cSt)	
VOC %	Refer to the Technical Data Sheet or label where information is available.
VOHAP content (gm/litre of paint)	83097.27 (as supplied)
VOHAP content (gm/litre of Solid Coating)	830.97 (as supplied)

9.2. Other information

No further information

10. Stability and reactivity

- 10.1. Reactivity
- 10.2. Chemical stability
- 10.3. Possibility of hazardous reactions
- 10.4. Conditions to avoid
- 10.5. Incompatible materials
- 10.6. Hazardous decomposition products

11. Toxicological information

Acute toxicity

Ingredient	Oral LD50, mg/kg	Skin LD50, mg/kg	Inhalation Vapor LD50, mg/L/4hr
Benzene, methyl- (108-88-3)	636.00, Rat – Category: 4	8,400.00, Rabbit – Category: NA	No data available
Methylisobutyl ketone (108-10-1)	2,080.00, Rat – Category: 5	16,000.00, Rabbit – Category: NA	12.30, Rat – Category: 4

Item	Category	Hazard
Acute Toxicity (mouth)	Not Classified	Not Applicable
Acute Toxicity (skin)	Not Classified	Not Applicable
Acute Toxicity (inhalation)	Not Classified	Not Applicable
Skin corrosion/irritation	Not Classified	Not Applicable
Eye damage/irritation	Not Classified	Not Applicable
Sensitization (respiratory)	Not Classified	Not Applicable
Sensitization (skin)	Not Classified	Not Applicable

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Germ toxicity	Not Classified	Not Applicable
Carcinogenicity	Not Classified	Not Applicable
Reproductive Toxicity	Not Classified	Not Applicable
Specific target organ systemic toxicity (single exposure)	Not Classified	Not Applicable
Specific target organ systemic Toxicity (repeated exposure)	Not Classified	Not Applicable
Aspiration hazard	Not Classified	Not Applicable

12. Ecological information

12.1. Toxicity

Aquatic Ecotoxicity

Ingredient	96 hr LC50 fish, mg/l	48 hr EC50 crustacea, mg/l	ErC50 algae, mg/l
Benzene, methyl- (108-88-3)	5.80, Oncorhynchus mykiss	19.60, Daphnia magna	Not Available
Methylisobutyl ketone (108-10-1)	505.00, Pimephales promelas	1,550.00, Daphnia magna	980.00 (48 hr), Scenedesmus subspicatus

12.2. Persistence and degradability

12.3. Bioaccumulative potential

12.4. Mobility in soil

12.5. Results of PBT and vPvB assessment

12.6. Other adverse effects

13. Disposal considerations

13.1. Waste treatment methods

14. Transport information

14.1. UN number

14.2. UN proper shipping name

14.3. Transport hazard class(es)

DOT (Domestic Surface Transportation)

DOT Proper Shipping Name

DOT Hazard Class

UN / NA Number

DOT Packing Group

CERCLA/DOT RQ gal. / lbs.

IMO / IMDG (Ocean Transportation)

IMDG Proper Shipping Name

IMDG Hazard Class Sub Class

IMDG Packing Group

System Reference Code 32

14.4. Packing group

14.5. Environmental hazards

IMDG Marine Pollutant:

14.6. Special precautions for user

Not Applicable

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

Not Applicable

15. Regulatory information

Regulatory Overview

WHMIS Classification

DOT Marine Pollutants (10%):

(No Product Ingredients Listed)

DOT Severe Marine Pollutants (1%):

(No Product Ingredients Listed)

EPCRA 311/312 Chemicals and RQs (>.1%) :

Methylisobutyl ketone (5000 lb final RQ; 2270 kg final RQ)

Benzene, methyl- (1000 lb final RQ; 454 kg final RQ)

EPCRA 302 Extremely Hazardous (>.1%) :

(No Product Ingredients Listed)

EPCRA 313 Toxic Chemicals (>.1%) :

Methylisobutyl ketone

Benzene, methyl-

Mass RTK Substances (>1%) :

Methylisobutyl ketone

Benzene, methyl-

Penn RTK Substances (>1%) :

Methylisobutyl ketone

Benzene, methyl-

Penn Special Hazardous Substances (>.01%) :

(No Product Ingredients Listed)

RCRA Status:

(No Product Ingredients Listed)

N.J. RTK Substances (>1%) :

Methylisobutyl ketone

Benzene, methyl-

N.J. Special Hazardous Substances (>.01%) :

Methylisobutyl ketone

Benzene, methyl-

N.J. Env. Hazardous Substances (>.1%) :

Methylisobutyl ketone

Benzene, methyl-

Proposition 65 – Carcinogens (>0%):

(No Product Ingredients Listed)

Methylisobutyl ketone

Proposition 65 – Female Repro Toxins (>0%):

Benzene, methyl-

Proposition 65 – Male Repro Toxins (>0%):

(No Product Ingredients Listed)

Proposition 65 – Developmental Toxins (>0%):

Benzene, methyl-

16. Other information

The full text of the phrases appearing in section 3 is:

H225 Highly flammable liquid and vapor.

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

H319 Causes serious eye irritation.

H332 Harmful if inhaled.

H335 May cause respiratory irritation.

H361 Suspected of damaging fertility or the unborn child.

H411 Toxic to aquatic life with long lasting effects.

The following sections have changed since the previous revision.

End of Document