

**Ident-No: ARALDITE 2031**

Version 1  
Revision Date 21.03.2009

Print Date 14.04.2009

## 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY/UNDERTAKING

### Product information

Trade name : ARALDITE 2031

Use : 2-Component adhesive system

Company : Huntsman Advanced Materials (Europe)BVBA  
Everslaan 45  
3078 Everberg / Belgium

Telephone : +41619661599  
Telefax : +41619661589  
Emergency telephone number : +32 35 751 234 (in France ORFILA : +33(0)145425959)

For further Product EHS related questions concerning this document or its contents, please contact:  
E-Mail: [global\\_product\\_ehs\\_admat@huntsman.com](mailto:global_product_ehs_admat@huntsman.com)

## 2. HAZARDS IDENTIFICATION

Refer to SDS for individual components of the pack.

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

### Chemical nature

Working pack (preparation)

## 4. FIRST AID MEASURES

General advice : Refer to SDS for individual components of the pack.

## 5. FIRE-FIGHTING MEASURES

Further information : Refer to SDS for individual components of the pack.

## 6. ACCIDENTAL RELEASE MEASURES

Additional advice : Refer to SDS for individual components of the pack.

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## 7. HANDLING AND STORAGE

### Storage

Further information on storage conditions : Keep at temperatures between 2 and 40 °C.  
Storage hazard class : Storage class 10, Environmentally hazardous liquids  
Huntsman Advanced Materials

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### Components with workplace control parameters

Components	CAS-No.	Control parameters	Update	Basis
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### Personal protective equipment

Protective measures : Refer to SDS for individual components of the pack.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Form : liquid  
Flash point : > 100 °C  
Method: calculated  
Density : 1.1 g/cm<sup>3</sup>  
at 25 °C  
Miscibility with water : immiscible  
at 20 °C

## 10. STABILITY AND REACTIVITY

Hazardous decomposition products : Refer to SDS for individual components of the pack.

## 11. TOXICOLOGICAL INFORMATION

Acute toxicity (other route) : Remarks: Refer to SDS for individual components of the pack.

## 12. ECOLOGICAL INFORMATION

### Ecotoxicity effects

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**Further information on ecology**

**13. DISPOSAL CONSIDERATIONS**

Product : Waste Key Number: 070208  
Must be incinerated, when in compliance with local regulations.

Container : Empty containers can be landfilled after cleaning, when in compliance with the Environmental Protection (Duty of Care) Regulations 1991.

**14. TRANSPORT INFORMATION**

**Land transport**

*ADR:*

UN-No: 3082  
Class: 9  
Classification code: M6  
Packaging group: III  
Risk No.: 90  
ADR/RID-Labels: 9  
Proper shipping name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.  
contains: BISPHENOL A EPOXY RESIN

*RID:*

UN-No: 3082  
Class: 9  
Packaging group: III  
Risk No.: 90  
ADR/RID-Labels: 9  
Proper shipping name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.  
contains: BISPHENOL A EPOXY RESIN

**Sea transport**

*IMDG:*

UN-No: 3082  
Class: 9  
Packaging group: III  
ADR/RID-Labels: 9  
MFAG:  
EmS: F-A S-F  
Proper shipping name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.  
contains: (BISPHENOL A EPOXY RESIN)

**Air transport**

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**IATA-DGR:**

UN/ID No.:	UN 3082
Class:	9
Packaging group:	III
Packing instruction (cargo aircraft):	914
Max. Qty/Pack.: ( 999.00 = No limit )	450.00 L
Packing instruction (passenger aircraft):	914
Max. Qty/Pack.: ( 999.00 = No limit )	450.00 L
ADR/RID-Labels:	9
Proper shipping name:	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
contains:	(BISPHENOL A EPOXY RESIN)

**15. REGULATORY INFORMATION**

**Labelling according to EEC Directive**

Labelling required

Symbol(s):	: Xi N	Irritant Dangerous for the environment
R-phrases)	: R36/38 R43 R51/53	Irritating to eyes and skin. May cause sensitization by skin contact. Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
S-phrases(s)	: S26  S36/37/39  S61  S28	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. Wear suitable protective clothing, gloves and eye/face protection. Avoid release to the environment. Refer to special instructions/safety data sheets. After contact with skin, wash immediately with plenty of soap and water.
Exceptional labelling of special preparations	: Contains epoxy constituents. See information supplied by the manufacturer.	
Hazardous components which must be listed on the label	: reaction product: bisphenol A-(epichlorhydrin); epoxy resin (number average molecular weight < 700)  diethylenetriamine EC-No.: 203-865-4	

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**National legislation**

**Notification status**

: EINECS yes

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**16. OTHER INFORMATION**

The provision of Safety Data Sheets comes under Regulation 6 of CHIP (CHIP is the recognised abbreviation for the Chemicals Hazard Information and Packaging Regulations). This is an addition to the Health and Safety at Work Act 1974. Users of products supplied by Huntsman Advanced Materials should take appropriate measures to ensure working practices are in accordance with the Control of Substances Hazardous to Health Regulations (COSHH).

All information is based on results gained from experience and tests and is believed to be accurate but is given without acceptance of liability for loss or damage attributable to reliance thereon as conditions of use lie outside our control. Users should always carry out sufficient tests to establish the suitability of any products for their intended applications. No statements shall be incorporated in any contract unless expressly agreed in writing nor construed as recommending the use of any product in conflict of any patent. All goods are supplied subject to Huntsman Advanced Materials General Conditions of Sale.