SAFETY DATA SHEET according to applicable EC directive

HUNTSMAN

Enriching lives through innovation

Ident-No: ARALDITE AW106J/HV953U

Version 5 Revision Date 20.03.2009 Print Date 11.04.2009

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

Product information

Trade name	: ARALDITE AW106J/HV953U
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

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

: Refer to SDS for individual components of the pack.

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Storage

Further information on storage conditions Storage hazard class Huntsman Advanced Materials

: Keep at temperatures between 2 and 40 ℃.

: Storage class 10, Environmentally hazardous liquids

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

Method: estimated

: > 110 ℃

: 1.2 g/cm3

Density

at 25 ℃ : immiscible Miscibility with water

at 20 ℃

10. STABILITY AND REACTIVITY

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

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** Contaminated packaging : Waste Key Number: 305055 Product 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: Ш Risk No .: 90 ADR/RID-Labels: 9 Proper shipping name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. contains: **BISPHENOL A/F EPOXY RESIN** RID: UN-No: 3082 Class: 9 Packaging group: Ш Risk No .: 90 ADR/RID-Labels: 9 Proper shipping name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. contains: **BISPHENOL A/F EPOXY RESIN** Sea transport IMDG: UN-No: 3082 Class: 9 Ш Packaging group: ADR/RID-Labels: 9 MFAG: EmS: F-A S-F Proper shipping name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (BISPHENOL A/F EPOXY RESIN) contains:

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SAFETY DATA SHEET according to applicable EC directive ARALDITE AW106J/HV953U Ident-No: Version 5 Print Date 11.04.2009 Revision Date 20.03.2009 Air transport IATA-DGR: UN/ID No.: UN 3082 Class: 9 Packaging group: Ш Packing instruction (cargo 914 aircraft): Max. Qty/Pack .: 450.00 L (999.00 = No limit) Packing instruction 914 (passenger aircraft): Max. Qty/Pack.: 450.00 L (999.00 = No limit) ADR/RID-Labels: 9 Proper shipping name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. contains: (BISPHENOL A/F EPOXY RESIN) **15. REGULATORY INFORMATION** Labelling according to EEC Directive Labelling required Symbol(s): Xi Irritant : Dangerous for the environment Ν R-phrase(s) R36/38 Irritating to eyes and skin. R43 May cause sensitization by skin contact. R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. S-phrase(s) S28 After contact with skin, wash immediately : with plenty of water. S37/39 Wear suitable gloves and eye/face protection. S61 Avoid release to the environment. Refer to special instructions/safety data sheets. Exceptional labelling of Contains epoxy constituents. See information supplied by the special preparations manufacturer.

Hazardous components : reaction product: bisphenol A-(epichlorhydrin); epoxy resin which must be listed on the (number average molecular weight < 700)

> N(3-dimethylaminopropyl)-1,3-propylenediamine EC-No.: 234-148-4

National legislation

label

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Water contaminating class : 2 water endangering Classified according to annex 4 of the German VwVwS for preparations.

Notification status

16. OTHER INFORMATION

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.