

SAFETY DATA SHEET: AD34 FOAM 2 FOAM

Revision date: 13/10/2015

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SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1. PRODUCT IDENTIFIER

Product Name Foam 2 Foam

Product No. AD34

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

Identified uses Industrial solvent.

1.3. Details of the supplier of the safety data sheet

Supplier: Deluxe Materials Limited, Unit 13 Cufaude Business Park, Cufaude Lane, Bramley, Hampshire RG26 5DL United Kingdom

T: + 44 (0) 1256 883944

F: + 44 (0) 1256 883966

info@deluxematerials.com

1.4 Emergency telephone number: + 44 (0) 1256 883944 (office hours only)

SECTION 2. HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

Classification Mixture

Physical and Chemical

Hazards

Flam. Liq. 2 - H225

Human health Acute Tox. 3 - H301;Acute Tox. 3 - H311;Acute Tox. 3 - H331;STOT

Single 1 - H370

Environment Not classified.

Classification (1999/45/EEC) T;R23/24/25, R39/23/24/25. F;R11.

2.2. Label elements

Pictogram



Signal word Danger

Contains: METHANOL

Label In Accordance With (EC) No. 1272/2008

Hazard Statements

H225 Highly flammable liquid and vapour.

H301 Toxic if swallowed.

H311 Toxic in contact with skin.

H331 Toxic if inhaled.

H370 Causes damage to organs .

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Precautionary Statements

P210 Keep away from heat/sparks/open flames/hot surfaces. - No smoking.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

P260e Do not breathe vapours.

P403+233+235 Store in a well-ventilated place. Keep container tightly closed, Keep cool.

P501D Empty containers may contain residual product and vapours.

Do not cut or weld on or near empty containers.

Disposal should only be by means of a licensed waste disposal contractor.

Supplementary Precautionary Statements

P262 Do not get in eyes, on skin, or on clothing.

P302+352 IF ON SKIN: Wash with plenty of soap and water.

P304+340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

P305+351+338 IF IN EYES: Rinse cautiously with water for several minutes.

Remove contact lenses, if present and easy to do. Continue rinsing.

P370+378A In case of fire: Use foam, carbon dioxide, dry powder or other inert material for extinction. Do not use high pressure water jet as this may spread burning material.

P301A+P310A+P331 IF SWALLOWED: Immediately call a doctor/physician. Do NOT induce vomiting.

P405 Store locked up.

2.3. Other hazards

SECTION 3 : C O M P O S I T I O N / INFORMATION ON INGREDIENTS

3.2. Mixtures

Component	CAS-No	EC No.	Weight %
Poly vinyl acetate	9003-20-7		54%
Methyl alcohol	67-56-1	200-659-6	43 %
Vinyl acetate	000108-05-4		< 1%

METHYL ALCOHOL

CAS-No.: 67-56-1 EC No.: 200-659-6

Classification (67/548/EEC)

F;R11

T;R23/24/25,R39/23/24/25

Classification (EC 1272/2008)

Flam. Liq. 2 - H225

Acute Tox. 3 - H301

Acute Tox. 3 - H311

Acute Tox. 3 - H331

STOT Single 1 - H370

The Full Text for all R-Phrases and Hazard Statements is Displayed in Section 16

SECTION 4 : F I R S T A I D MEASURES

4.1. Description of first aid measures

General Information

NOTE! Keep affected person away from heat, sparks and flames!

Inhalation.

Move the exposed person to fresh air at once. Keep the affected person warm and at rest. Get prompt medical attention.

Ingestion

NEVER MAKE AN UNCONSCIOUS PERSON VOMIT OR DRINK FLUIDS! DO NOT induce vomiting. Get medical attention immediately.

Skin Contact

Remove contaminated clothing and shoes. Wash skin thoroughly with soap and running water. Take especial care to clean folds, crevices, creases and groin. Get medical attention. Launder clothing and clean shoes thoroughly before re-use.

Eye Contact

Promptly wash eyes with plenty of water while lifting the eye lids. Check for contact lenses which must be removed from the eyes before rinsing. Promptly rinse eyes with plenty of clean water while lifting the eyelids. Continue to rinse for at least 15 minutes. Continue until the eyes are free of all traces of contamination. Get immediate medical attention.

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

4.3. Indication of any immediate medical attention and special treatment needed

SECTION 5 : FIRE FIGHTING MEASURES

5.1. Extinguishing media

Extinguishing Media

Extinguish with alcohol-resistant foam, carbon dioxide, dry powder or water fog. Do not use high pressure water jet as this may spread burning material.

5.2. Special hazards arising from the substance or mixture

Unusual Fire & Explosion Hazards

May explode in a fire. Vapours are heavier than air and may travel considerable distance to source of ignition and flash back.

Specific Hazards

Products of decomposition / combustion include: Carbon dioxide (CO₂). Carbon monoxide (CO).

5.3. Advice for firefighters

Special Fire Fighting Procedures

Cool containers exposed to flames with water until well after the fire is out. Move container from fire area if it can be done without risk.

Protective Measures In Fire

Self contained breathing apparatus and full protective clothing must be worn in case of fire. Keep all unnecessary people away. Fire water run-off must not be allowed to contaminate ground or enter drains, sewers or water courses. Provide bunding against fire water run-off.

SECTION 6 : ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Ventilate to dispel residual vapour. Clean-up personnel should use respiratory protection, gloves, goggles and protective clothing and footwear. (see section 8)

6.2. Environmental precautions

Cover all drains and sewers. Avoid spreading spilt material.

6.3. Methods and material for containment and cleaning up

Ventilate well. Extinguish all ignition sources. Avoid sparks, flames, heat . No smoking. Keep flammable materials away

from spillage. Clean-up personnel should use respirator and liquid contact protection.

Absorb in vermiculite, dry sand or earth and place into containers. Wash well after dealing with spillage. Inform authorities if large amounts are involved.

Rinse site with copious amounts of water, which should not be allowed into drains, sewers or water courses.

6.4. Reference to other sections

SECTION 7 : HANDLING AND STORAGE

7.1. Precautions for safe handling

Use only in well ventilated areas. Avoid spilling, skin and eye contact. Do not breathe vapour or fumes. Keep away from heat and sources of ignition such as sparks or flames. Take precautions against static discharge. Wash thoroughly after handling. Avoid prolonged or repeated contact, use suitable protective goggles, gloves and clothing. (see section 8).

7.2. Conditions for safe storage, including any incompatibilities

Keep away from all possible sources of ignition.

Store in tightly closed containers in segregated, cool, dry, ventilated storage.

7.3. Specific end use(s) : Adhesive intended for modelling use.

SECTION 8 : EXPOSURE CONTROLS /PERSONAL PROTECTION

8.1. Control parameters

No data available for mixture. However, data below on exposure controls refers to the component Methyl alcohol.

Name STD TWA - 8 Hrs STEL - 15 Min Notes

METHANOL WEL 200 ppm 266 mg/m³ 250 ppm 333 mg/m³ Sk

WEL = Workplace Exposure Limit.

Sk = Can be absorbed through skin.

Ingredient Comments

WEL = Workplace Exposure Limits

8.2. Exposure controls

Engineering Measures

Provide adequate general and local exhaust ventilation.

Respiratory Equipment

If ventilation is insufficient suitable respiratory protection must be provided.

Seek recommendations and advice from equipment manufacturer or supplier. Gas filter type A may be suitable.

Hand Protection

Wear suitable protective gloves conforming to EN 374. Seek recommendations from manufacturer or supplier.

After using gloves the hands should be washed and dried thoroughly and a suitable moisturiser applied.

Eye Protection

Wear eye goggles to prevent any possibility of eye contact.

Other Protection

Use engineering controls to reduce air contamination to permissible exposure level. Provide eyewash station.

Wear

appropriate clothing to prevent any possibility of skin contact.

Hygiene Measures

Wash at the end of each work shift and before eating, smoking and using the toilet.

SECTION 9 : PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Appearance	Clear colourless viscous liquid.
Odour	Characteristic Toxic by inhalation, in contact with skin and if swallowed.
pH	No data
Melting point	No data
Boiling point	No data
Decomposition temperature	No data
Auto ignition temperature	385 C
Vapour Pressure (Reid)	16mmHg (30C)
Specific Gravity	0.8
Flash Point (°C)	12 C
Boiling range	No data
Solubility	Insoluble in water but emulsifies in water

9.2. Other information

SECTION 10 : STABILITY AND REACTIVITY

10.1. Reactivity

10.2. Chemical stability

Stable under normal conditions of storage and use.

10.3. Possibility of hazardous reactions

Hazardous Polymerisation

None known.

10.4. Conditions to avoid

Avoid heat, flames and other sources of ignition.

10.5. Incompatible materials

Materials To Avoid

Strong oxidising substances.

10.6. Hazardous decomposition products

Toxic gases/vapours/fumes of: Carbon dioxide (CO₂). Carbon monoxide (CO).

SECTION 1 1 : TOXICOLOGICAL INFORMATION

No data available for mixture, however, data below refers to component Methyl Alcohol.

11.1. Information on toxicological effects

Toxic Dose 1 - LD 50 428 mg/kg (LD₅₀-Oral- Human)

Toxic Dose 2 - LD 50 5628 mg/kg (oral rat)

Toxic Conc. - LC 50 64, 000 mg/l/4h (inh-rat)

Toxicological Information

Toxic: danger of very serious irreversible effects through inhalation, in contact with skin and if swallowed.

Inhalation

Toxic by inhalation.

Ingestion.

Toxic: danger of very serious irreversible effects if swallowed.

Skin Contact

Toxic: danger of very serious irreversible effects in contact with skin.

Eye Contact

Irritating to eyes.

Health Warnings

Swallowing concentrated chemical may cause severe internal injury.

Route of entry

Inhalation. Ingestion.

Medical Symptoms

Upper respiratory irritation. Nausea, vomiting. Allergic rash.

Medical Considerations

Skin disorders and allergies.

SECTION 1 2 : ECOLOGICAL INFORMATION

12.1. Toxicity

LC 50, 96 Hrs, Fish mg/l 96, 000

12.2. Persistence and degradability

Degradability:

No data available for this mixture..

12.3. Bioaccumulative potential

Bioaccumulative Potential:

No data available

12.4. Mobility in soil

Mobility: No data available

12.5. Results of PBT and vPvB assessment

12.6. Other adverse effects

SECTION 1 3 : DISPOSAL CONSIDERATIONS

General Information

Product is hazardous waste. Do not allow into drains, sewers or water courses. Disposal must be by means of a licensed waste contractor. Empty containers may contain residual flammable vapours and product residue. Keep away from sparks, heat and sources of ignition.

Labels should not be removed. Do not dispose to landfill or in water courses.

13.1. Waste treatment methods

Dispose of waste and residues in accordance with local authority requirements. Absorb in vermiculite or dry sand and dispose of at a licenced hazardous waste collection point.

SECTION 14 : TRANSPORT INFORMATION

14.1. UN number 1133 Adhesives containing flammable liquid

UN No. (ADR/RID/ADN) 1133

UN No. (IMDG) 1133

UN No. (ICAO) 1133

14.2 UN Proper shipping name

Proper Shipping Name : Adhesives containing flammable liquid

14.3 Transport hazard class(es)

ADR/RID/ADN Class 3

ADR/RID/ADN Class 3: Adhesives containing Flammable liquid.

ADR Label No. 3 & 6.1

IMDG Class 3

ICAO Class/Division 3

ICAO Subsidiary risk 6.1

Transport Labels

14.4. Packing group

ADR/RID/ADN Packing group II

IMDG Packing group II

ICAO Packing group II

14.5. Environmental hazards

Environmentally Hazardous Substance/Marine Pollutant

No.

14.6. Special precautions for user

EMS F-E, S-D

Emergency Action Code *2WE

Hazard No. (ADR) 336

Tunnel Restriction Code (D/E)

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

SECTION 15 : REGULATORY INFORMATION

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

Statutory Instruments

The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (S.I 2009 No. 716).

Environmental Protection (Duty of Care) Regulations.

Approved Code Of Practice

The Control of Substances Hazardous to Health Regulations 2002 (as amended). Approved code of practice and guidance.

Fifth Edition 2005. HSE Books, or download at: <http://www.hse.gov.uk/pubns/priced/l5.pdf>

Guidance Notes

Workplace Exposure Limits EH40.

Introduction to Local Exhaust Ventilation HS(G)37.

EU Legislation

EC Regulation 1907/2006 (as amended) : 'REACH'.

Dangerous Substances Directive 67/548/EEC.

Dangerous Preparations Directive 1999/45/EC.

National Regulations

Control of Substances Hazardous to Health Regulations 2002 (as amended)

15.2. Chemical Safety Assessment

S E C T I O N 1 6 : O T H E R I N F O R M A T I O N

Revision Comments

Revised ingredient hazards.

Data derived from REACH Registration Dossier.

Revision Date

Revision - replaces all previously dated versions

SDS No.

Risk Phrases In Full

R11 Highly flammable.

R23/24/25 Toxic by inhalation, in contact with skin and if swallowed.

Toxic: danger of very serious irreversible effects through inhalation, in contact with skin and if swallowed.

R39/23/24/25

Hazard Statements In Full

H370 Causes damage to organs <<Organs>>.

H225 Highly flammable liquid and vapour.

H331 Toxic if inhaled.

H301 Toxic if swallowed.

H311 Toxic in contact with skin.

Disclaimer

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in

any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no

warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the

suitability of such information for his own particular use.