

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

1.1 Product identifier

Trade name/designation: Derbibond NT Adhesive.

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

Main use category: Industrial uses.
Specific uses: Adhesives / sealants.

1.3 Manufacturer/Supplier

Supplier:
Alumasc Building Products Ltd
White House Works, Bold Road, Sutton, St Helens, Merseyside, United Kingdom, WA9 4JG
Tel: +44 (0)1744 648400
e-mail: technical@alumascroofing.com

1.4 Manufacturer/Supplier

Emergency telephone: 01744 648 400 - (Mon-Thurs – 08.30-17.00 Fri – 08.30-16.00)

2. HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

Classification according to Regulation (EU) No. 1272/2008:

CLP-Classification: Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008.
Not classified.

Classification according to EU Directives 67/548/EEC or 1999/45/EC:

Classification: The product is non-dangerous in accordance with Directive 1999/45/EC.
Not classified.

2.2 Label elements

Labelling according to Regulation (EU) 1272/2008:

Not applicable.

Labelling according to Directives (67/548 - 1999/45):

Not relevant.

2.3 Other hazards

Results of PBT and vPvB assessment:

This information is not available.

3. COMPOSITION AND INFORMATION ABOUT THE COMPONENTS

3.1 Substances

Eco-friendly one-part, non-toxic, zero VOC, bituminous cold adhesive.

3.2 Mixtures

Substance name	Product identifier	%	Classification according to Directive 67/548/EEC
Acetic Acid	(CAS No.) 64-19-7 (EC No) 200-580-7 (EC Index) 607-002-00-6	0,01 - 1	R10 C; R35

Substance name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Acetic Acid	(CAS No.) 64-19-7 (EC No) 200-580-7 (EC Index) 607-002-00-6	0,01 - 1	Flam. Liq. 3, H226 Skin Corr. 1A, H314

Full text of R- and H-phrases: see Section 16.

4. FIRST AID MEASURES

4.1 Description of first aid measures

Inhalation:	Provide fresh air. Keep patient warm and at rest. When in doubt or if symptoms are observed, get medical advice.
Skin contact:	Take off immediately all contaminated clothing. Wash skin with mild soap and water. If a person feels unwell or symptoms of skin irritation appear, consult a doctor.
Eye contact:	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Get medical attention if irritation develops and persists.
Ingestion:	Do not induce vomiting. If swallowed, rinse mouth with water (only if the person is conscious). Get medical advice/attention.
Additional advice:	First aider: Pay attention to self-protection. See also Section 8. Never give anything by mouth to an unconscious person or a person with cramps. Show this safety data sheet to the doctor in attendance. Treat symptomatically.

4.2 Most important symptoms and effects, both acute and delayed

Inhalation:	No information available.
Skin contact:	No information available.
Eye contact:	No information available.
Ingestion:	No information available.
Other adverse effects:	No information available.

4.3 Indication of any immediate medical attention and special treatment needed

When in doubt or if symptoms are observed, get medical advice.

5. FIRE-FIGHTING MEASURES

5.1 Extinguishing media

Suitable extinguishing media:

Use water spray, alcohol-resistant foam, dry chemical or Carbon Dioxide.

Extinguishing media which must not be used for safety reasons:

Strong water jet.

5.2 Special hazards arising from the substance or mixture

Fire hazard: This product is not flammable.

Specific hazards: Evacuate area.
When heated to decomposition, emits toxic fumes.
Do not allow run-off from fire-fighting to enter drains or water courses. Dispose according to legislation.

5.3 Advice for fire-fighters

Special protective equipment for fire-fighters.
In case of fire: Wear self-contained breathing apparatus.
Use water spray jet to protect personnel and to cool endangered containers.

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

For non-emergency personnel:

Use personal protective equipment as required.
See also Section 8.
Evacuate area.
Avoid contact with skin and eyes.
Do not breathe vapour/spray.
Provide adequate ventilation.
Keep away from heat/sparks/open flames/hot surfaces - No smoking.

For emergency responders:

Only qualified personnel equipped with suitable protective equipment may intervene.
See also Section 8.

6.2 Environmental precautions

Prevent product from entering drains.
If the product contaminates rivers and lakes or drains inform respective authorities.

6.3 Methods and material for containment and cleaning up

Stop leak if safe to do so. Dam up.
Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents).
Collect in closed and suitable containers for disposal.
Dispose according to legislation.
See also Sections 8 & 13.

7. HANDLING AND STORAGE

7.1 Precautions for safe handling

Handling:

Provide adequate ventilation.
Use personal protective equipment as required. See also Section 8.
Avoid contact with skin, eyes and clothes.
Do not breathe vapour/spray.
Ensure that the equipment is adequately grounded.
Keep away from heat/sparks/open flames/hot surfaces - No smoking.
Do not smoke.
After use replace the closing cap immediately.
Ensure proper process control to avoid excess waste discharge (temperature, concentration, pH value, time).
Do not allow to enter into surface water or drains.
Take any precaution to avoid mixing with incompatible materials

Advice on general occupational hygiene:

Use only in area provided with appropriate exhaust ventilation.
Wash hands and face before breaks and immediately after handling of the product.
When using do not eat, drink or smoke.

Keep away from food, drink and animal feeding stuffs.
Keep good industrial hygiene.

7.2 Conditions for safe storage, including any incompatibilities

Storage:

Keep away from heat/sparks/open flames/hot surfaces - No smoking.
Keep container tightly closed in a cool, well-ventilated place.
Ensure that the equipment is adequately grounded

Packaging material:

Keep/Store only in original container.

7.3 Specific end uses(s)

No data available.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

Exposure limit values:

Acetic Acid (64-19-7)		
EU	IOELV TWA (mg/m ³)	25 mg/m ³
EU	IOELV TWA (ppm)	10 ppm
Austria	MAK (mg/m ³)	25 mg/m ³
Austria	MAK (ppm)	10 ppm
Austria	MAK Short time value (mg/m ³)	50 mg/m ³
Austria	MAK Short time value (ppm)	20 ppm
Belgium	Limit value (mg/m ³)	25 mg/m ³
Belgium	Limit value (ppm)	10 ppm
Belgium	Short time value (mg/m ³)	38 mg/m ³
Belgium	Short time value (ppm)	15 ppm
Bulgaria	OEL TWA (mg/m ³)	25,0 mg/m ³
Bulgaria	OEL STEL (mg/m ³)	37,0 mg/m ³
Cyprus	OEL TWA (mg/m ³)	25 mg/m ³
Cyprus	OEL TWA (ppm)	10 ppm
France	VLE (mg/m ³)	25 mg/m ³
France	VLE (ppm)	10 ppm
Germany	TRGS 900 Occupational exposure limit value (mg/m ³)	25 mg/m ³ (The risk of damage to the embryo or fetus can be excluded when AGW and BGW values are observed)
Germany	TRGS 900 Occupational exposure limit value (ppm)	10 ppm (The risk of damage to the embryo or fetus can be excluded when AGW and BGW values are observed)
Gibraltar	OEL TWA (mg/m ³)	25 mg/m ³

Acetic Acid (64-19-7)		
Gibraltar	OEL TWA (ppm)	10 ppm
Greece	OEL TWA (mg/m ³)	25 mg/m ³
Greece	OEL TWA (ppm)	10 ppm
Greece	OEL STEL (mg/m ³)	37 mg/m ³
Greece	OEL STEL (ppm)	15 ppm
Italy - Portugal - USA ACGIH	ACGIH TWA (ppm)	10 ppm
Italy - Portugal - USA ACGIH	ACGIH STEL (ppm)	15 ppm
Latvia	OEL TWA (mg/m ³)	25 mg/m ³
Latvia	OEL TWA (ppm)	10 ppm

Spain	VLA-ED (mg/m ³)	25 mg/m ³
Spain	VLA-ED (ppm)	10 ppm
Spain	VLA-EC (mg/m ³)	37 mg/m ³
Spain	VLA-EC (ppm)	15 ppm
Switzerland	VLE (mg/m ³)	50 mg/m ³
Switzerland	VLE (ppm)	20 ppm
Switzerland	VME (mg/m ³)	25 mg/m ³
Switzerland	VME (ppm)	10 ppm
Czech Republic	Expoziční limity (PEL) (mg/m ³)	25 mg/m ³
Denmark	Grænseværdie (langvarig) (mg/m ³)	25 mg/m ³
Denmark	Grænseværdie (langvarig) (ppm)	10 ppm
Finland	HTP-arvo (8h) (mg/m ³)	13 mg/m ³
Finland	HTP-arvo (8h) (ppm)	5 ppm
Finland	HTP-arvo (15 min)	25 mg/m ³
Finland	HTP-arvo (15 min) (ppm)	10 ppm
Hungary	AK-érték	25 mg/m ³
Hungary	CK-érték	25 mg/m ³
Ireland	OEL (8 hours ref) (mg/m ³)	25 mg/m ³
Ireland	OEL (8 hours ref) (ppm)	10 ppm
Ireland	OEL (15 min ref) (mg/m ³)	37 mg/m ³
Ireland	OEL (15 min ref) (ppm)	15 ppm
Lithuania	IPRV (mg/m ³)	25 mg/m ³
Lithuania	IPRV (ppm)	10 ppm
Malta	OEL TWA (mg/m ³)	25 mg/m ³
Malta	OEL TWA (ppm)	10 ppm
Norway	Gjennomsnittsverdier (AN) (mg/m ³)	25 mg/m ³
Norway	Gjennomsnittsverdier (AN) (ppm)	10 ppm
Norway	Gjennomsnittsverdier (Korttidsverdi) (mg/m ³)	37,5 mg/m ³
Norway	Gjennomsnittsverdier (Korttidsverdi) (ppm)	20 ppm
Poland	NDS (mg/m ³)	15 mg/m ³
Poland	NDSCh (mg/m ³)	30 mg/m ³
Romania	OEL TWA (mg/m ³)	25 mg/m ³
Romania	OEL TWA (ppm)	10 ppm
Slovakia	NPHV (priemerná) (mg/m ³)	25 mg/m ³
Slovakia	NPHV (priemerná) (ppm)	10 ppm
Sweden	nivågränsvärde (NVG) (mg/m ³)	13 mg/m ³
Sweden	nivågränsvärde (NVG) (ppm)	5 ppm

Acetic Acid (64-19-7)		
Sweden	kortidsvärde (KTV) (mg/m ³)	25 mg/m ³
Sweden	kortidsvärde (KTV) (ppm)	10 ppm

8.2 Exposure controls

Personal protective equipment: Choose body protection according to the amount and concentration of the dangerous substance at the work place.

Respiratory protection: No personal respiratory protective equipment normally required.
In case of insufficient ventilation, wear suitable respiratory equipment.
Respirator with a full face mask (EN136).
Respirator with a half face mask (EN140).
Recommended Filter type: A (EN141).

Hand protection:	Repeated or prolonged exposure: Protective gloves complying with EN374. The selection of specific gloves for a specific application and time of use in a working area, should also take into account other factors on the working space, such as (but not limited to): other chemicals that are possibly used, physical requirements (protection against cutting/ drilling, skill, thermal protection), and the instructions/specification of the supplier of gloves.
Eye protection:	During splash contact: Wear eye glasses with side protection according to EN 166.
Body protection:	Protective clothing not absolutely necessary.
Engineering control measures:	Provide adequate ventilation. Provide sufficient air exchange and/or exhaust in work rooms. A washing facility/water for eye and skin cleaning purposes should be present. Take precautionary measures against static discharges. Organisational measures to prevent /limit releases, dispersion and exposure. See also Section 7.
Environmental exposure controls:	Do not allow to enter into surface water or drains. Comply with applicable Community environmental protection legislation.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Appearance:	Viscous liquid.
Colour:	Black.
Odour:	Characteristic.
Odour threshold:	No data available.
pH:	Not applicable.
Freezing point:	No data available.
Boiling point/boiling range:	250 - 270°C.
Flash point:	> 200°C.
Evaporation rate:	No data available.
Relative density:	1,15.
Solubility in other solvents:	No data available.
Partition coefficient: n-octanol/water:	No data available.
Autoignition temperature:	> 300°C.
Decomposition temperature:	Not applicable.
Viscosity:	12000 mm ² /s (@40°C).
Explosive properties:	Not applicable. The study does not need to be conducted because there are no chemical groups associated with explosive properties present in the molecule.
Oxidizing properties:	Not applicable. The classification procedure needs not to be applied because there are no chemical groups present in the molecule which are associated with oxidising properties.

9.2 Other information

No data available.

10. STABILITY AND REACTIVITY

10.1 Reactivity

See also Section 10.5.

10.2 Chemical stability

The product is stable under storage at normal ambient temperatures.

10.3 Possibility of hazardous reactions

None under normal processing.

10.4 Conditions to avoid

Heat, flames and sparks.
See also Section 7: Handling and storage.

10.5 Incompatible materials

No information available.

10.6 Hazardous decomposition products

When heated to decomposition, emits dangerous fumes.
Hazardous decomposition products due to incomplete combustion. Carbon monoxide.

11. TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Acute toxicity: Not classified (based on available data, the classification criteria are not met).

Acetic Acid (64-19-7)	
LD50/oral/rat	3310 mg/kg
LD50/dermal/rabbit	1060 µl/kg
LC50/inhalation/4h/rat	11,4 mg/l/4h
ATE (oral)	3310 mg/kg bodyweight
ATE (dust,mist)	11,400 mg/l/4h
Additional information	LC50, Inhalation, mouse: 5620 ppm

Skin corrosion/irritation: Not classified (based on available data, the classification criteria are not met).

Serious eye damage/eye irritation: Not classified (based on available data, the classification criteria are not met).
pH: Not available.

Respiratory or skin sensitisation: Not classified (based on available data, the classification criteria are not met).

Germ cell mutagenicity: Not classified (based on available data, the classification criteria are not met).

Carcinogenicity: Not classified (based on available data, the classification criteria are not met).

Reproductive toxicity: Not classified (based on available data, the classification criteria are not met).

Specific target organ toxicity (single exposure): Not classified (based on available data, the classification criteria are not met).

Specific target organ toxicity (repeated exposure): Not classified (based on available data, the classification criteria are not met).

Aspiration hazard: Not classified (based on available data, the classification criteria are not met).

Other information:

Symptoms related to the physical, chemical and toxicological characteristics, see Section 4.2.

12. ECOLOGICAL INFORMATION

12.1 Toxicity

Information given is based on data on the components and the ecotoxicology of similar products.

Acetic Acid (64-19-7)	
LC50 fish 1	79 mg/l (Exposure time: 96 h - Species: Pimephales promelas [static])
EC50 Daphnia 1	65 mg/l (Exposure time: 48 h - Species: Daphnia magna [Static])
LC50 fish 2	75 mg/l (Exposure time: 96 h - Species: Lepomis macrochirus [static])
EC50 Daphnia 2	65 mg/l 48 h

12.2 Persistence and degradability

No data available.

12.3 Bio accumulative potential

Bio accumulative: No data available.
Partition coefficient: n-octanol/water: No data available.

12.4 Mobility in soil

No information available.

12.5 Results of PBT and vPvB assessment

No information available.

12.6 Other adverse effects

Do not allow contact with soil, surface or ground water.

13. DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Waste from residues / unused products: Do not allow to enter into surface water or drains.
Dispose according to legislation.
Where possible recycling is preferred to disposal or incineration.
Collect and dispose of waste product at an authorised disposal facility.

Contaminated packaging: Empty containers should be taken to an approved waste handling site for recycling or disposal.

Additional ecological information: Avoid release to the environment.

List of suggested waste codes/waste designations in accordance with the EWC: Waste codes should be assigned by the user, preferably in discussion with the waste disposal authorities.

14. TRANSPORT INFORMATION

14.1 UN number

UN No: Not applicable.

14.2 UN proper shipping name

Proper shipping name: Not applicable.
Proper shipping name IATA/IMDG: Not applicable.

14.3 Transport hazard class(es)

Overland transport:

ADR/RID: Not classified for this transport way.

Inland waterway transport:

ADN: Not classified for this transport way.

Transport by sea:

IMDG: Not classified for this transport way.
Class or division: Not applicable.

Air transport:

ICAO/IATA: Not classified for this transport way.
Class or division: Not applicable.

14.4 Packing group

Not applicable.

14.5 Environmental hazards

Not applicable.

14.6 Special precautions for user

Not applicable.

14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable.

15. REGULATORY INFORMATION

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

EU-Regulations:

The following restrictions are applicable according to Annex XVII of the REACH Regulation (EC) No 1907/2006:

3. Liquid substances or mixtures which are regarded as dangerous in accordance with Directive 1999/45/EC or are fulfilling the criteria for any of the following hazard classes or categories set out in Annex I to Regulation (EC) No 1272/2008:	Acetic Acid.
40. Substances classified as flammable gases category 1 or 2, flammable liquids categories 1, 2 or 3, flammable solids category 1 or 2, substances and mixtures which, in contact with water, emit flammable gases, category 1, 2 or 3, pyrophoric liquids category 1 or pyrophoric solids category 1, regardless of whether they appear in Part 3 of Annex VI to Regulation (EC) No 1272/2008 or not:	Acetic Acid.
This product contains an ingredient according to the candidate list of Annex XIV of the REACH Regulation 1907/2006/EC:	None.
Authorisations:	Not applicable.

National regulations:

DE: WGK:	No information available.
NL: ABM:	11 - Weinig schadelijk voor in het water levende organismen (B).
DA: Dansk PR-nr.:	2311006.
NO: Produktforskriften (FOR 2004-06-01 nr 922):	Paragraf 2-30.

15.2 Chemical Safety Assessment

Not required.

16. OTHER INFORMATION

Full text of R-, H- and EUH-phrases:

Flam. Liq. 3:	Flammable liquids, Category 3.
Skin Corr. 1A:	Skin corrosion/irritation, Category 1A.
H226:	Flammable liquid and vapour.
H314:	Causes severe skin burns and eye damage.
R10:	Flammable.
R35:	Causes severe burns.
C:	Corrosive.

Abbreviations and acronyms:

AND:	Accord Européen relatif au Transport International des Marchandises Dangereuses par voie de Navigation du Rhin.
ADR:	Accord européen relatif au transport international des marchandises Dangereuses par Route.
CLP:	Classification, Labelling and Packaging Regulation according to 1272/2008/EC.
IATA:	International Air Transport Association.
IMDG:	International Maritime Dangerous Goods Code.
LEL:	Lower Explosive Limit/Lower Explosion Limit.
UEL:	Upper Explosion Limit/Upper Explosive Limit.
REACH:	Registration, Evaluation, Authorisation and Restriction of Chemicals.
EC50:	Median Effective Concentration.
LC50:	Median lethal concentration.
LD50:	Median lethal dose.
TLV:	Threshold limits.
TWA:	Time weighted average.
STEL:	Short term exposure limit.
N/A:	Not applicable.
PBT:	Persistent, bioaccumulating and toxic.
vPvB:	Very persistent and very bioaccumulating.
WGK:	Wassergefährdungsklasse (Water Hazard Class under German Federal Water Management Act).

The contents and format of this SDS are in accordance with EEC Commission Directive 1999/45/EC, 67/548/EC, 1272/2008/EC and EEC Commission Regulation 1907/2006/EC (REACH) Annex II.

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