



SAFETY DATA SHEET

AUTOFLEX / AUTOTEX (ALL PRODUCTS)

This SDS is not mandated by GHS and is provided for information purposes only. This product has been classified as an article. REACH Guidance on requirements for substances in articles Version 4.0 – June 2017 Article 3(3) of the REACH Regulation defines an article as "an object which during production is given a special shape, surface or design which determines its function to a greater degree than its chemical composition."

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product name AUTOFLEX / AUTOTEX (ALL PRODUCTS)
Chemical name Polyester or polycarbonate film coated with a hard cured urethane acrylate polymer

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

Identified uses Industrial use: Hard coated film for industrial applications.
Uses advised against The product should not be used for any purpose, other than that described above.

1.3. Details of the supplier of the safety data sheet

Manufacturer Macdermid Autotype Ltd
Grove Road, Wantage
OX12 7BZ
UNITED KINGDOM
T: +44 (0) 1235 771111
F: +44 (0) 1235 771196
e: wantsds@macdermid.com

1.4. Emergency telephone number

National emergency telephone number +44 1235 239670 (NCEC Europe)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification (EC 1272/2008)

Physical hazards Not Classified
Health hazards Not Classified
Environmental hazards Not Classified

2.2. Label elements

Hazard statements NC Not Classified
Precautionary statements P402 Store in a dry place.
P501 Dispose of contents/ container in accordance with national regulations.

2.3. Other hazards

This product does not contain any substances classified as PBT or vPvB.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

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Composition comments None of the ingredients are required to be listed.

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation Not relevant.

Ingestion Not relevant.

Skin contact Not relevant.

Eye contact Not relevant.

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

Inhalation No specific symptoms known.

Ingestion No specific symptoms known.

Skin contact No specific symptoms known.

Eye contact No specific symptoms known.

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

Notes for the doctor No specific recommendations.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media Use fire-extinguishing media suitable for the surrounding fire.

Unsuitable extinguishing media None known.

5.2. Special hazards arising from the substance or mixture

Hazardous combustion products Fire creates: Carbon monoxide (CO). Carbon dioxide (CO₂).

5.3. Advice for firefighters

Special protective equipment for firefighters Use protective equipment appropriate for surrounding materials.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions Follow precautions for safe handling described in this safety data sheet.

6.2. Environmental precautions

Environmental precautions Not relevant.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up No specific clean-up procedure recommended.

6.4. Reference to other sections

Reference to other sections For personal protection, see Section 8. For waste disposal, see section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Usage precautions No specific recommendations.

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7.2. Conditions for safe storage, including any incompatibilities

Storage precautions Store in tightly-closed, original container in a dry and cool place.

7.3. Specific end use(s)

Specific end use(s) The identified uses for this product are detailed in Section 1.2.

SECTION 8: Exposure controls/Personal protection

8.1. Control parameters

Occupational exposure limits

Long-term exposure limit (8-hour TWA): WEL 600 ppm 1210 mg/m³ vapour

Short-term exposure limit (15-minute): WEL 1600 ppm 3620 mg/m³ vapour

WEL = Workplace Exposure Limit

Ingredient comments No exposure limits known for ingredient(s).

8.2. Exposure controls

Eye/face protection Not relevant.

Hand protection Hand protection not required.

Respiratory protection Respiratory protection not required.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance	Translucent. Solid.
Colour	Colourless. White.
Odour	None
Odour threshold	Not applicable.
pH	Not applicable.
Melting point	220-230°C/428-446°F
Initial boiling point and range	Not applicable.
Flash point	Not applicable.
Evaporation rate	Not applicable.
Upper/lower flammability or explosive limits	Not applicable.
Vapour pressure	Not applicable.
Vapour density	Not applicable.
Bulk density	1.3 kg/l
Solubility(ies)	Insoluble in water.
Auto-ignition temperature	Not available.
Decomposition Temperature	Not available.
Viscosity	Not applicable.
Explosive properties	None.
Oxidising properties	Does not meet the criteria for classification as oxidising.

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Comments Information declared as "Not available" or "Not applicable" is not considered to be relevant to the implementation of the proper control measures.

9.2. Other information

Other information None.

SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity There are no known reactivity hazards associated with this product.

10.2. Chemical stability

Stability Stable at normal ambient temperatures and when used as recommended.

10.3. Possibility of hazardous reactions

Possibility of hazardous reactions None known.

10.4. Conditions to avoid

Conditions to avoid There are no known conditions that are likely to result in a hazardous situation.

10.5. Incompatible materials

Materials to avoid No specific material or group of materials is likely to react with the product to produce a hazardous situation.

10.6. Hazardous decomposition products

Hazardous decomposition products None at ambient temperatures.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Toxicological effects No data recorded.

Acute toxicity - dermal

Notes (dermal LD₅₀) Based on available data the classification criteria are not met.

Skin corrosion/irritation

Animal data Based on available data the classification criteria are not met.

Serious eye damage/irritation

Serious eye damage/irritation Based on available data the classification criteria are not met.

Respiratory sensitisation

Respiratory sensitisation Based on available data the classification criteria are not met.

Germ cell mutagenicity

Genotoxicity - in vitro Does not contain any substances known to be mutagenic.

Carcinogenicity

Carcinogenicity Does not contain any substances known to be carcinogenic.

Reproductive toxicity

Reproductive toxicity - fertility Does not contain any substances known to be toxic to reproduction.

Medical symptoms No specific symptoms noted.

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SECTION 12: Ecological information

12.1. Toxicity

Toxicity The product is not expected to be hazardous to the environment.

12.2. Persistence and degradability

Persistence and degradability The product is not biodegradable.

12.3. Bioaccumulative potential

Bioaccumulative potential No data available on bioaccumulation.

12.4. Mobility in soil

Mobility Not considered mobile. The product is insoluble in water.

12.5. Results of PBT and vPvB assessment

Results of PBT and vPvB assessment This product does not contain any substances classified as PBT or vPvB.

12.6. Other adverse effects

Other adverse effects None known.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Disposal methods Reuse or recycle products wherever possible. Waste material and any included combustible absorbent and containers should be suitable for incineration at an approved facility. or Dispose of waste via a licensed waste disposal contractor.

Waste class EWC 07 02 13 EWC 20 01 39

SECTION 14: Transport information

General The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, ADR/RID).

14.1. UN number

Not applicable.

14.2. UN proper shipping name

Not applicable.

14.3. Transport hazard class(es)

No transport warning sign required.

14.4. Packing group

Not applicable.

14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant
No.

14.6. Special precautions for user

Not applicable.

14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code

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Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code Not applicable.

SECTION 15: Regulatory information

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

EU legislation Not regulated.
UFI GYEW-E0AF-G00H-VHU4

15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

SECTION 16: Other information

Revision comments NOTE: Lines within the margin indicate significant changes from the previous revision.
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