

Material Safety Data Sheet

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Replacing edition of: -

1. Identification of substance.

Trade name: "Ansertherm S-51"
Purpose: Hot melt adhesive for edge banding.

2. Composition/Data on components.

Chemical characterization: Glue for furniture, based on vinyl acetate – ethylene polymer emulsion.

Dangerous components:

Product it does not contain classified substance as harmful, poisonous or dangerous.

3. Hazard identification.

Not classified as dangerous.

Eye – Contact with eyes causes redness and discomfort which is transient.

Skin Contact – Repeated or prolonged contact may causedefatting of the skin resulting in dryness, cracking and dermatitis.

Inhalation – Unlikely to be hazardous by inhalation because of the low vapour pressure of the material at ambient temperature.

Ingestion – Low oral toxicity.

Physico-chemical – No unusual hazards are expected.

Environmental – Spillages or uncontrolled discharges into watercourses must be alerted to the appropriate regulatory body.

4. First aid measures.

Eye

Irrigate with eyewash solution or clean water until pain is relieved. If symptoms develop, obtain medical attention.

Skin comntact

Wash skin with soap and water. If symptoms develop, obtain medical attention.

Inhalation

Remove to fresh air. Get medical attention if irritation persists.

Ingestion

If individual is concious, give water to dilute stomach contents. Get prompt medical attention.

5. Fire-fighting measures.

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Ansertherm S 51

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Extinguishing media – Alcohol foam; CO₂; Dry chemical; Foam; Water fog
Special firefighting procedures – Fire fighters should be equipped with self-contained breathing apparatus to protect against potentially toxic and irritating fumes.
Hazardous combustion product – Carbon monoxide, carbon dioxide.

6. Accidental release measures.

Spill and leak procedures –

Collect solids and hand over to waste removal. Wash the spillage area with water. Disposal should be in accordance with local, state or national legislation.

For safety and environmental precautions, please, review entire Safety Data Sheet for necessary information.

7. Handling and storage.

Storage temperature – 5 °C ÷ 30 °C

Handling/storage – Containers should be described and closed. Avoid contact of glue with strong oxidizers.

8. Exposure controls / Personal protection.

Component:	Exposure limits:
Vinyl acetate	UK EH40 OES 8-hour TWA: 10 ppm UK EH40 OES 8-hour TWA: 36 mg/m ³ UK EH40 OES 15-hour STEL: 20 ppm UK EH40 OES 15-hour STEL: 72 mg/m ³
Ventilation requirements:	General
Eye protection requirements:	Safety glasses, goggles or face shield to protect against splashing.
Glove requirements:	Gloves are recommended due to possible irritation.
Clothing requirements:	Uniforms, coveralls, or a lab coat should be worn.
Wash requirements:	Wash before eating, drinking or using toilet facilities.
Respiratory requirements:	None, unless there is a risk of inhaling sprayed material. Respirators should conform to EN 136 or EN 140 and be fitted with filters conforming to EN 143.

9. Physical and chemical properties.

Physical form:	liquid
Colour of glue:	white
Colour of joint:	colorless
Boiling point:	100 °C
Melting/freezing point:	0 °C
Solubility in water:	miscible

Viscosity:	12000 ± 3000 mPas
pH (50% solution I water)	3,0 ± 0,5
Nonvolatile:	50 ± 1 %

10. Reactivity and stability.

Stability

Product is stable in normal conditions of storing, manipulating and uses.
No hazardous decomposition products known.

11. Toxicological information.

Skin – Repeated or prolonged contact may cause defatting of the skin resulting in dryness, cracking and dermatitis.

Inhalation – Unlikely to be hazardous by inhalation because of the low vapour pressure of the vapour pressure of the materialbient temperature.

Ingestion – Low oral toxicity.

Chronic (long term) effects of exposure

Effects of chronic exposure – Although this product has not been tested for chronic effects it is judged as having a low order of toxicity based on component information. Use of good industrial hygiene practices is recommended.

Target organs – None known.

Skin sensitization – No.

Possible birth defect – No.

Hazard carcinogen – No.

12. Ecological information.

Potential effect on environment – Contributes to effluent BOD.

Ecotoxicity – Low, but has a BOD contribution.

Aquatic toxicity – None established.

Mobility – Miscible in water and likely to be transported considerable distances if allowed ingress to water.

Potential to bioaccumulate – the product has low potential for bioaccumulation.

13. Disposal considerations.

Waste disposal methods – incinerate in qualified installation with flue gas scrubbing

Empty container warnings – not needed.

14. Informations about transportation.

IATA Classification – Not classified as dangerous.

IMDG Classification – Not classified as dangerous.
ADR / RID - Not classified as dangerous.

15. Regulatory information.

Not classified as dangerous.

All components of this product are listed in EINECS or ENLINC.

16. Other information.

The information contained herein is believed to be correct and corresponds to the latest state of scientific and technical knowledge. However, no warranty is made, either express or implied, regarding its accuracy or the results to be obtained from the use of such information.

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