

SAFETY DATA SHEET

NORMAIZOL Alenor® Internal

Date of Issue: 04/03/2019

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

1.1. Product identifier

Product name: Alenor® Internal is vapor-proof internal window tape based on aluminum coated non-woven membrane with two acrylic adhesive strips (connection to translucent structures) and one butyl adhesive strip (connection to wall opening).

Chemical description: Not applicable.

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

Use of the substance/mixture: Alenor® Internal is ready to use and does not require special tools. Tape designed as vapor barrier for internal joints between translucent structures and wall opening.

1.3. Details of the supplier of the safety data sheet

NORMAIZOL Ltd.

407, 4a, Academic Krymskii street, Kyiv, 03142, Ukraine

+38 (044) 451 – 27 - 79

office@normaizol.ua

www.normaizol.com

1.4. Emergency telephone number

Emergency number: +38 (044) 451 – 27 - 79

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

The product is classified as no hazardous, accordingly with the guidelines No.67/548 /EEC and/or No.1999/45 /EEC.

Most severe adverse physical-chemical effects in using the substance/preparation: None are known.

Most severe adverse effects on human health in using substance/preparation: None are known.

Most severe adverse effects on the environment in using the substance/preparation: None are known.

Symptoms related to use and potentially improper use of the substance/preparation: An application that is not in accordance with the service instructions and the data stated in this Safety Data Sheet.

2.2. Label elements

Not applicable.

2.3. Other hazards

Results of PBT and vPvB assessment:

PBT: Not applicable.

vPvB: Not applicable.

SECTION 3: Composition/information on ingredients

3.1. Substances

Molecular Formula: Not applicable.

CAS Registry #: -

Synonym: - .

Dangerous substance:

There are no substances in the product in such a concentration, that it could be classified as hazardous substance in the sense of the Hazardous Substances ACT/ EC Regulations.

3.2. Mixtures

Not a mixture.

SECTION 4: First aid measures

4.1. Description of first aid measures

General information:	If used normally the product is not dangerous.
First-aid measures after inhalation:	No need for first aid is anticipated.
First-aid measures after skin contact:	The preparation does not cause skin irritation. For skin exposure, wash with soap and water.
First-aid measures after eye contact:	Wash copiously with water. No special treatment is required. If complaints arise or persist a doctor should be consulted.
First-aid measures after ingestion:	Rinse mouth. If you feel unwell, get medical attention.

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

Symptoms/injuries after inhalation:	No effects known.
Symptoms/injuries after skin contact:	No effects known.
Symptoms/injuries after eye contact:	Contact with the eyes during product use is not expected to result in significant irritation.
Symptoms/injuries after ingestion:	Gastrointestinal complaints, vomiting, nausea, diarrhea.

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

No additional information available.

SECTION 5: Firefighting measures

5.1. Extinguishing media

In case of fire: Use a fire fighting agent suitable for ordinary combustible material such as water or foam to extinguish.

Unsuitable extinguishing media: Not applicable.

5.2. Special hazards arising from the substance or mixture

None inherent in this product.

Hydrocarbon, carbon dioxide, carbon monoxide (during combustion).

5.3. Advice for firefighters

Instructions: No special protective actions for fire-fighters are anticipated. Product don't cause an increased risk for fire. Please avoid that water used for fire-extinguish will discharge into the drains/surface/groundwater.

Protection during firefighting: Fire protective suit (to be used out of the danger zone only), the suit against radiant heat or thermally protective suit, insulating breathing apparatus in the dangerous zone.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Use personal protective equipment. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Avoid breathing dust.

6.2. Environmental precautions

Avoid release to the environment.

6.3. Methods and material for containment and cleaning up

Collect as much of the spilled material as possible. Place in a closed container approved for transportation by appropriate authorities. Clean up residue. Seal the container. Dispose of collected material as soon as possible in accordance with applicable local/regional/national/international regulations.

6.4. Reference to other sections

No additional information available.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

This product is considered to be an article which does not release or otherwise result in exposure to a hazardous chemical under normal use conditions.

Precautions for safe handling: For the use of product there are no special safety measures needed. Do not eat, drink or smoke during handling. All fire-preventing measures must be obeyed during handling. When working with this product, use personal safety work equipment.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions: The product must be stored in ventilated dry warehouses at least 1-meter distance from heating appliances. The air temperature in the warehouse should be between 0°C and +30°C. Keep away from direct sunlight.

7.3. Specific end use(s)

No additional information available.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

No additional information available.

8.2. Exposure controls

Appropriate engineering controls:	Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.
Hand protection:	Special measures are not required other than protection of a clean working environment and safe working methods.
Eye protection:	Special measures are not required other than a clean working environment and safe working methods. Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).
Skin and body protection:	Special measures are not required other than protection of a clean working environment and safe working methods.

Respiratory protection: Normally not applicable.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance: aluminum metallic roll tape.

Odor: No Data Available.

PH: Not applicable.

Flammability: Not applicable.

Solubility in Water: Non soluble.

Lower Explosion Limit: Not applicable.

Upper Explosion Limit: Not applicable.

Bulk Density: No Data Available.

Conductivity: Not applicable.

Melting Point: Not applicable.

Boiling Point: Not applicable.

Vapor Pressure: Not applicable.

Evaporation Rate: Not applicable.

9.2. Other information

Description	Unit of measure	Value
Adhesive		Acrylic / Butyl
Vapor diffusion thickness, equivalent air layer thickness 50(±3)% r.h. at 23(±0.5) °C, Sd	m	>1500
Water tightness at 600 Pa, 24°C/55% r.h.		Water tight
Operating temperature	°C	-40 - +90
Recommended application temperature	°C	+5 - +40

SECTION 10: Stability and reactivity

10.1. Reactivity

This material is considered to be non-reactive under normal use conditions.

10.2. Chemical stability

Under normal conditions, see also Chapter 7.

10.3. Possibility of hazardous reactions

No data available.

10.4. Conditions to avoid

None listed.

10.5. Incompatible materials

No data available.

10.6. Hazardous decomposition products

None in case of appropriate storage/handling/ transportation.

Under recommended usage conditions, hazardous decomposition products are not expected. Hazardous decomposition products may occur as a result of oxidation, heating, or reaction with another material.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity:	There is no specific toxicological information for this product. The information is based on details for the constituents and on toxicological data for similar products.
Skin corrosion/irritation:	For the component/components, either no data is currently available or the data is not sufficient for classification.
Serious eye damage/irritation:	No health effects are expected. Contact with the eyes during product use is not expected to result in significant irritation.
Respiratory or skin sensitization:	No health effects are expected. No known health effects.
Germ cell mutagenicity:	For the component/components, either no data is currently available or the data is not sufficient for classification.
Carcinogenicity:	For the component/components, either no data is currently available or the data is not sufficient for classification.
Reproductive toxicity:	For the component/components, either no data is currently available or the data is not sufficient for classification.
Specific target organ toxicity (single exposure):	For the component/components, either no data is currently available or the data is not sufficient for classification.
Specific target organ toxicity (repeated exposure):	For the component/components, either no data is currently available or the data is not sufficient for classification.
Aspiration hazard:	For the component/components, either no data is currently available or the data is not sufficient for classification.

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated

SECTION 12: Ecological information

12.1. Toxicity

The preparation-related data were not searched, the preparation, however, does not contain heavy metals and sulfur oxides do not originate during combustion, so the impact on the environment is very low.

12.2. Persistence and degradability

No test data available.

12.3. Bioaccumulative potential

No test data available.

12.4. Mobility in soil

No test data available.

12.5. Results of PBT and vPvB assessment

Does not contain persistent, bioaccumulative, toxic or highly persistent and highly bioaccumulative substances, according to the criteria in Annex XIII, EC Directive.

12.6. Other adverse effects

No data available.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Reclaim if feasible. If product can't be reclaimed, dispose of waste product in a sanitary landfill. Alternatively, incinerate the waste product in an industrial, commercial, or municipal incinerator. As a disposal alternative, incinerate in an industrial or commercial facility.

Recommendation: Contact your local experts to obtain information about use or disposal of the material involved.

SECTION 14: Transport information

UN-No.: No hazardous material as defined by prescriptions.
RID/ADR: No hazardous material as defined by prescriptions.
IMO (IMDG): No hazardous material as defined by prescriptions.
IATA/ICAO: No hazardous material as defined by prescriptions.

SECTION 15: Regulatory information

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

This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006.

15.2. Chemical safety assessment

For this product a chemical safety assessment was not carried out.

SECTION 16: Other information

Declaration

The information in this safety data sheet is based on the provided data and samples. The safety data sheet only constitutes a guideline for the safe handling, use, consumption, storage, transport and disposal of the substances/preparations/mixtures mentioned under point 1. Unless indicated otherwise word for word on the safety data sheet, the information does not apply to substances/preparations/mixtures in a purer form, mixed with other substances or in processes. The safety data sheet offers no quality specification for the substances/preparations/mixtures in question. Compliance with the instructions in this safety data sheet does not release the user from the obligation to take all measures dictated by common sense, regulations, and recommendations or which are necessary and/or useful based on the real applicable circumstances. NORMAIZOL Ltd. does not guarantee the accuracy or exhaustiveness of the information provided and cannot be held liable for any changes by third parties.