

In accordance with Regulation (EC) No 1907/2006, 2020/878

Version 3.0

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Trade name: Soft PU foam A

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

1.1 Product identification:

Product name: Soft PU foam A | Flexible polyol foam.

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

Use: Component of a polyurethane system.

1.3 Contact details of the supplier of the safety data sheet

Responsible distributor: ASSYST bvba / A.S.O.W. bvba
Hellegatstraat 13a
2590 Berlaar
Belgium
Tel: +32 495 50 61 14 / +32 496 83 70 27
Website: www.assyst.org / www.artsuppliesonweb.com
Email: ao@assyst.org / vera.opsommer@assyst.org

1.4 Emergency telephone number:

For Belgium:

Call the **Poison Control Centre (070 245 245 - free)**, if not available: **02 264 96 30** (normal rate) or your doctor. In life-threatening situations, always call the European emergency number **112**.

NHS 24 Direct

For help from a GP, visit your GP surgery's website, use an online service to contact your GP, or call the surgery. **For urgent medical help**, use the NHS 111 online service, or **call 111** if you are unable to get help online. **For life-threatening emergencies, call 999** for an ambulance. There is more information about getting medical help on the NHS website.

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture:

Classification in accordance with Regulation (EC) No 1272/2008 and its amendments.

Not a hazardous substance or mixture.

2.2 Label elements:

Labelling in accordance with Regulation (EC) No 1272/2008 [CLP/GHS]:

Not a hazardous substance or mixture.

2.3 Other hazards :

This substance/mixture does not contain any components that can be considered persistent, bioaccumulative and toxic (PBT) or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

Ecological information:

The substance/mixture does not contain any components that are considered to have endocrine-disrupting properties, in accordance with REACH Article 57(f) or Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605, at a concentration of 0.1% or higher.

Toxicological information:

The substance/mixture does not contain any components that are considered to have endocrine-disrupting properties, in accordance with REACH Article 57(f) or Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605, at a concentration of 0.1% or higher.

SECTION 3: Composition and information on ingredients

3.2 Mixtures:

To the best of the supplier's knowledge, this product does not contain any hazardous ingredients in sufficient quantities to be listed in this section in accordance with EU or national regulations.

SECTION 4: First aid measures

4.1 Description of first aid measures:

Inhalation

Move the affected person to fresh air.

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Keep the person warm and calm.

If the person is not breathing, or if breathing is irregular or has stopped, have qualified personnel perform artificial respiration or administer oxygen.

Mouth-to-mouth resuscitation can be dangerous for the person assisting the victim.

Consult a doctor if symptoms develop.

If the person faints, place them in the recovery position and call a doctor immediately.

Ensure there is good air circulation.

Loosen anything that is tight, such as a collar, tie, belt or waistband.

Skin contact

Rinse your mouth with water.

Remove dentures if applicable.

Take the affected person into the fresh air.

Keep the person warm and calm.

If a person has swallowed material but is still conscious, let them drink small amounts of water.

If the person is unwell, stop giving them water, as vomiting may pose an additional risk.

DO NOT induce vomiting unless instructed to do so by medical staff.

If vomiting occurs, keep the head down to prevent vomit from entering the lungs.

Consult a doctor if symptoms develop.

Do not give anything to an unconscious person.

If the person faints, place them in the recovery position and call a doctor immediately.

Ensure there is good air circulation.

Loosen anything that is tight, such as a collar, tie, belt or waistband.

Eye contact

Rinse immediately with plenty of water for at least 15 minutes, lifting the upper and lower eyelids from time to time.

Check whether the victim is wearing contact lenses and, if so, remove them.

Consult a doctor in case of irritation.

4.2 Most important acute and delayed symptoms and effects:

Subsequent medical treatment

Symptomatic treatment and supportive care as indicated.

Following severe exposure, the patient must be kept under medical supervision for at least 48 hours.

4.3 Indication of any immediate medical attention and special treatment required:

Protection of rescuers

No action should be taken that involves personal risk or without appropriate training.

For further details on health effects and symptoms, see Section 11.

SECTION 5: Fire-fighting measures

5.1 Extinguishing media:

Suitable extinguishing media:

Use a suitable extinguishing agent to extinguish the surrounding fire.

Powder, alcohol-resistant foam, carbon dioxide (CO₂), water spray or mist, sand.

Unsuitable extinguishing media:

Do not use a strong water jet.

5.2 Special hazards arising from the substance or mixture

Fire hazard:

On heating/combustion: formation of harmful gases/vapours.

Hazardous decomposition products in the event of fire:

These products may include: carbon oxides (CO, CO₂).

5.3 Advice for firefighters:

Fire-fighting instructions:

Cool exposed containers with a water spray or mist.

Exercise extreme caution when fighting a chemical fire.

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Prevent firefighting water from entering the environment.

Protection during firefighting:

Do not enter the fire area without appropriate protective equipment, including respiratory protection.

Firefighters must wear suitable protective equipment and self-contained breathing apparatus with a full-face mask, operating in positive-pressure mode.

Other information:

Cool the tanks by spraying them with water or move them to a safe location.

Heating leads to an increase in pressure, which may cause containers to burst.

Dispose of fire debris and contaminated firefighting water in accordance with local government regulations.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures :

Personal precautions:

Contact the emergency services immediately.

Keep unnecessary personnel away.

Use appropriate protective equipment.

6.2 Environmental precautions:

Environmental precautions:

Avoid spreading spilled product and contact with the ground, surrounding water and drains or sewers.

6.3 Containment and cleaning methods and materials

Clean-up methods:

If emergency services are not available, contain the spilled product.

For small spills, apply absorbent material (soil may be used if no other suitable material is available), collect and place in an airtight, impermeable container for disposal.

In the event of a major spill, the spilled material must be contained or dammed to prevent the risk of runoff into the surrounding aquatic environment.

Place the spilled product in a suitable container for disposal.

6.4 Reference to other sections:

See Section 8. Exposure controls and personal protection.

For disposal of waste after cleaning, see Section 13.

SECTION 7: Handling and storage:

7.1 Precautions for safe handling of the substance or mixture

Precautions for safe handling of the substance or mixture

Wash hands and other exposed areas with mild soap and water before eating, drinking, smoking or leaving the work area.

Ensure good ventilation in the work area to prevent fume build-up.

Use only outdoors or in a well-ventilated area.

Avoid inhaling vapours, gas, mist, smoke, spray or dust.

Handling temperature:

Approximately 20°C.

Hygiene measures:

Do not eat, drink or smoke whilst using the product.

Always wash your hands thoroughly after handling this product.

7.2 Conditions for safe storage, including any incompatibilities

Storage conditions:

Keep containers closed when not in use.

Store only in the original packaging in a cool, well-ventilated place.

Store in a dry place.

Keep the container closed.

Storage temperature:

5–30°C.

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Sources of heat and flames:

Keep away from open flames, hot surfaces and sources of ignition.

Storage:

Store in a well-ventilated area.

Special packaging requirements:

Store only in the original packaging.

Empty containers must be returned in accordance with the supplier's recommendations.

Any remaining product must be removed from the containers before disposal.

7.3 Specific end use:

Specific use:

Polyol component of a two-component polyurethane system.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters:

Limit exposure during use.

Not available.

Handling

Wash thoroughly after use.

Recommended control procedures

If this product contains ingredients with exposure limits, it may be necessary to carry out further investigations on humans, the working environment or living organisms to assess the effectiveness of ventilation or other control measures, or the need for the use of respiratory protective equipment.

It is important to refer to the European standard EN 689 on methods for the assessment of exposure to chemical agents by inhalation and to national policy documents on methods for the determination of hazardous substances.

Control of occupational exposure

No special ventilation is required.

Good general ventilation should be sufficient to keep dust levels at an acceptable level.

If this product contains components subject to exposure limits, use protective enclosures, local exhaust ventilation or other built-in automatic controls to keep the technician's exposure below the recommended or legal limits.

Control of environmental agents

It is important to test the emissions from ventilation systems or manufacturing equipment to verify that they comply with the requirements of environmental protection legislation.

In some cases, it will be necessary to fit a gas scrubber or filter to the production equipment or to modify it technically to reduce emissions to an acceptable level.

8.2 Exposure controls:

Personal protective equipment:

Respiratory protection

Wear a respirator fitted with an air-purifying device or a self-contained breathing apparatus that fits properly and complies with an applicable standard if a risk assessment indicates that this is necessary.

The choice of respiratory protective equipment must be based on the expected or known exposure levels, the hazards of the product and the safe operating limits of the selected respiratory protective equipment.

Hand protection

Waterproof and chemical-resistant gloves complying with an approved standard must be worn at all times when handling chemicals where a risk assessment recommends this.

Eye protection

Use eye protection in accordance with an approved standard where a risk assessment indicates that exposure to liquid splashes, fine spray particles or dust must be avoided.

Skin protection

Personal protective equipment for the body must be selected according to the task and the risks, and it is recommended that it be validated by a specialist before use.

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Wash your hands, forearms and face thoroughly after handling chemicals, before eating, smoking and using the toilet, and at the end of the working day.

It is recommended to use appropriate techniques to remove potentially contaminated clothing.

Wash contaminated clothing before reusing it.

Ensure that automatic eye wash stations and safety showers are located near the workstations.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties:

Physical state:	Liquid
Colour:	Translucent/whitish
Odour:	Not available
Odour threshold:	Not available

Important information on health, safety and the environment.

Boiling point:	Not available
Melting point:	Not available
Flash point:	Closed cup: 176°C (348.8°F)
Flammability (solid gas):	Not applicable
Explosive properties:	Not available
Oxidising properties:	Not available
Vapour pressure:	Not available
Partition coefficient (Log Kow)	Not available
Viscosity (mPa.s):	450 (25°C)
Vapour density:	Not available
Evaporation rate (Starch acetate = 1):	Not available

9.2 Other information

Auto-ignition temperature:	Not available
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SECTION 10: Stability and reactivity

10.1 Reactivity:

No hazardous reactions known under normal conditions.

10.2 Chemical stability:

The product is stable under normal handling and storage conditions.

10.3 Possible hazardous reactions:

No hazardous reactions known under normal conditions.

10.4 Conditions to avoid

Reactive or incompatible with the following materials: acids and alkalis.

10.5 Chemically reactive materials:

None known.

10.6 Hazardous decomposition products:

These products may include carbon oxides (CO, CO₂).

SECTION 11: Toxicological information

11.1 Information on toxicological effects :

Possible acute health effects

Inhalation

No significant effects or critical hazards are known.

Ingestion

No significant effects or critical hazards are known.

Skin contact

No significant effects or critical hazards are known.

Eye contact

No significant effects or critical hazards are known.

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Acute toxicity

Product name	Result	Type	Dosage	Exposure
Polyol	LD50	Rat	>2000 mg/kg	Oral
	LD50	Rabbit	>2000 mg/kg	Skin

Possible chronic health effects

Carcinogenicity

Not available.

Mutagenicity

Not available.

Teratogenicity

Not available.

Developmental effects

Not available.

11.2 Information on other hazards

Endocrine-disrupting properties

Product:

Assessment:

The substance/mixture does not contain any components that are considered to have endocrine-disrupting properties, in accordance with REACH Article 57(f) or Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605, at a concentration of 0.1% or higher.

Further information

Product:

Comments:

No data available

SECTION 12: Ecological information

12.1 Toxicity:

Product name	Test	Result	Type	Exposure
Polyol	-	>1000 mg/l	Fish (LC50)	96 hours
	-	>1000 mg/l	Algae (LC50)	72 hours

12.2 Persistence and degradability :

No further information is available.

12.3 Bioaccumulation:

No further information is available.

12.4 Mobility in soil:

No further information is available.

12.5 Results of PBT and vPvB assessment

No further information is available.

12.6 Endocrine-disrupting properties

Product:

Assessment:

The substance/mixture does not contain any components considered to have endocrine-disrupting properties, in accordance with REACH Article 57(f) or Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605, at a concentration of 0.1% or higher.

12.7 Other adverse effects:

No further information is available.

SECTION 13: Disposal instructions

13.1 Waste treatment methods:

Waste disposal methods

It is recommended to avoid or minimise the generation of waste.

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Avoid spreading spilled product and waste and prevent contact with the ground, surrounding water and sewers or drainage systems.

Disposal of this product, solutions and by-products must always be carried out in accordance with legal requirements for environmental protection and waste disposal, as well as the requirements of all local authorities.

European Waste Catalogue

In all cases, all local, regional and national laws and guidelines must be applied, as well as the European directives.

It is the responsibility of the end-user to determine the specific waste code for each industrial sector using the appropriate European code from the European Waste Catalogue.

It is recommended that the waste disposal company provide all relevant details.

Hazardous waste

To the best of the supplier's knowledge, this product is not considered hazardous waste as defined in European Directive 91/689/EEC.

SECTION 14: Transport information

14.1 UN number

Not classified as dangerous according to transport regulations.

14.2 Proper shipping name according to UN Model Regulations

Not applicable.

14.3 Transport hazard class(es)

Not applicable.

14.4 Packing group

Not applicable.

14.5 Environmental hazards

Not applicable.

14.6 Special precautions for the user

Remarks:

The transport of dangerous goods, including loading and unloading, must be carried out by personnel who have received the necessary training in accordance with regulations;

The transport classification(s) given herein are for information only and are based solely on the properties of the unpackaged material as described in this safety data sheet. Transport classifications may vary depending on the mode of transport, the size of the packaging and variations in regional or national regulations.

14.7 Bulk transport by sea in accordance with IMO instruments

Not applicable to the product as supplied.

SECTION 15: Regulatory information

15.1 Specific safety, health and environmental regulations and legislation for the substance or mixture.

EU regulations:

Does not contain any substances subject to restrictions under Annex XVII of REACH.

Does not contain any substances on the REACH Candidate List.

Does not contain any substances listed in Annex XIV of the REACH Regulation.

National regulations:

No further information is available.

15.2 Chemical safety assessment:

No chemical safety assessment has been carried out.

SECTION 16: Other information

European Union regulations

Hazard statements

This product is not classified under EU legislation.

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Full text of other abbreviations:

ADN – European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways; ADR – European Agreement concerning the International Carriage of Dangerous Goods by Road (ADR Agreement); AIIC – Australian Inventory of Industrial Chemicals; ASTM – American Society for Testing and Materials; bw – body weight; CLP – Regulation on classification, labelling and packaging; Regulation (EC) No 1272/2008; CMR - carcinogenic, mutagenic or toxic to reproduction; DIN - German standard or German Institute for Standardisation; DSL - Domestic Substances List (Canada); ECHA – European Chemicals Agency; EC number – EINECS number; ECx – concentration associated with x% response; ELx – load associated with x% response; EmS – emergency programme; ENCS – existing and new chemical substances (Japan); ErCx – concentration associated with x% growth response; GHS – Globally Harmonised System; GLP – Good Laboratory Practice; IARC – International Agency for Research on Cancer; IATA – International Air Transport Association; IBC – IMO International Code for the Construction and Equipment of Ships Carrying Dangerous Chemicals in Bulk; IC50 – intermediate inhibitory concentration; ICAO – International Civil Aviation Organisation; IECSC – Inventory of Existing Chemicals in China; IMDG – International Maritime Dangerous Goods; IMO – International Maritime Organisation; ISHL – Industrial Safety and Health Law (Japan); ISO – International Organisation for Standardisation; KECI – Korean Existing Chemicals Inventory; LC50 – Lethal concentration for 50% of a tested population; LD50 – Lethal dose for 50% of a tested population (median lethal dose); MARPOL – International Convention for the Prevention of Pollution from Ships; n.e.s. – Not elsewhere specified; NO(A)EC – No observable (adverse) effect at the concentration; NO(A)EL – No observable (adverse) effect at the level; NOELR – No observable effect on the carrying capacity; NZIoC - New Zealand Inventory of Chemicals; OECD - Organisation for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, bioaccumulative and toxic; PICCS - Philippine Inventory of Chemical Substances; (Q)SAR – (Quantitative) structure-activity relationships; REACH – Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH); RID – Regulation concerning the International Carriage of Dangerous Goods by Rail; SDS – Safety Data Sheet; SVHC – Substance of Very High Concern; TCSI – Taiwan Chemical Substances Inventory; TECI – Thailand Chemical Substances Inventory; TRGS – Technical Regulation of Hazardous Substances; TSCA – Toxic Substances Control Act (US); UN - United Nations; vPvB - very persistent and very bioaccumulative.

Further information

Training advice:

Provide users with adequate information, instruction and training.

The information in this safety data sheet is, to the best of our knowledge, correct as of the date of issue. This information is intended solely as a guide to the safe handling, use, processing, storage, transport, disposal and discharge of the product and should not be regarded as a guarantee or indication of quality.