

item no.:

User instructions



Isocyanate A mixed with polyol mixture B Occupational hygiene information

Restrictions on use:

May not be used in enclosed spaces without mechanical ventilation or the use of fresh-air respirators.

Precautions for use of component A+B:

All work must be arranged to avoid skin contact and the inhalation of fumes. Use suitable work clothing, gloves and goggles. Mixtures of component A+B must be poured into suitable casting moulds, as the pressure generated could cause under-dimensioned formwork to burst.

In case of welding, burning and grinding: The dry foam contains nitrogen compounds. Smoke, fumes and grinding dust must not be inhaled.

In case of accident, First Aid:

If fumes have been inhaled, bring the patient to rest in fresh air immediately, in a position comfortable for breathing. If the eyes have been splashed, flush immediately with running water for at least 15 minutes. Contaminated clothing should be removed at once and contaminated skin washed with soap and water or cleansing cream.

If swallowed: DO NOT induce the patient to vomit, medical advice is required.

SEEK MEDICAL ATTENTION and take this user instruction with you.

In case of fire:

Extinguish with powder, foam or carbon dioxide. AVOID INHALATION OF SMOKE GASES. Flush burnt skin immediately with plentiful cold water, and CONTINUE flushing and cooling until the doctor takes over treatment. The risks from inhalation of isocyanate fumes are increased with rising temperatures. The product should therefore be removed from the area in the case of fire. NB! Isocyanate reacts powerfully with water.

In case of spillage:

ELIMINATE ALL RISK OF IGNITION. AVOID INHALATION OF FUMES. Soak up with sand or similar and treat as CHEMICAL WASTE. Spilled product, contaminated cloths etc. must be stored in a special container.

Other:

The provisions of Danish Working Environment Authority (WEA) Guideline 9.3.3. november 2019 must be followed. See also <https://at.dk/>.

NB! May only be used by persons over 18 years who have undergone the special training approved by WEA for work with polyurethane and epoxy products.

FOAM LIQUID A - Isocyanate

Brown, opaque liquid in the bag part covered 100% with aluminium film

Fire:

Extinguish with powder, sand or water mist. Call the fire brigade.

Harmful to health:

Mandatory statement of contents:

CAS-nr.: 9016-87-9

Indeholder: Diphenylmethan-diisocyanat, isomere og homologe

Risk management and safety measures:

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

H319 Causes serious eye irritation.

H332 Harmful if inhaled.

H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled.

H335 May cause respiratory irritation.

H351 Suspected of causing cancer.

H373 May cause damage to organs through prolonged or repeated exposure if inhaled.

P260 Do not breathe dust/ fume/ gas/ mist/ vapours/ spray.

P280 Wear protective gloves/ eye protection/ face protection.

P284 In case of inadequate ventilation wear respiratory protection.

P302 + P352 IF ON SKIN: Wash with plenty of soap and water.

P304 + P340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P308 + P313 IF exposed or concerned: Get medical advice/ attention.

P403 + P233 Store in a well-ventilated place. Keep container tightly closed

EUH204: Contains isocyanates. May produce an allergic reaction.

The safety provisions of WEA Order No. 1793 of 18 December 2015 Appendix III must be followed. See also <https://at.dk/>.

FOAM LIQUID B - Polyol mixture

Yellowish, clear liquid located in the side of the bag with transparent window.

Fire:

Carbon dioxide (CO₂), Foam, extinguishing powder, in cases of larger fires, water spray should be used. Unsuitable extinguishing media: High volume water jet

Locally irritating:

Mandatory statement of contents:

Polyol mixture. UFI: 7A67-M8MR-300Q-N5F0

Risk management and safety measures:

H226 Flammable liquid and vapour.

H301 Toxic if swallowed.

H302 Harmful if swallowed

H311 Toxic in contact with skin.

H314 Causes severe skin burns and eye damage.

H315 Causes skin irritation.

H319 Causes serious eye irritation.

H331 Toxic if inhaled.

H411 Toxic to aquatic life with long lasting effects.

P264 Wash skin thoroughly after handling.

P270 Do not eat, drink or smoke when using this product.

P280 Wear eye protection/ face protection/ protective gloves.

P301 + P312 IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.

P330 Rinse mouth

P332 + P313 IF SKIN IRRITATION OCCURS: Get medical advice/ attention.

P337 + P313 IF EYE IRRITATION PERSISTS: Get medical advice/ attention.

P362 + P364 Take off contaminated clothing and wash it before reuse.

The safety provisions of WEA Order No. 1793 of 18 December 2015 Appendix III must be followed. See also <https://at.dk/>.

These supplier's user instructions fulfil Danish environmental and safety requirements and installation regulations.

The safety datasheet for foam liquid can be requested from isoplus on

Tel. +45 64 41 61 09 or is available on our website www.isoplus.dk or scan the QR code.

IMPORTANT:

Joint foam must be stored for as long as possible in the insulated boxes that they are delivered in, and must never be placed in direct sunlight.

The storage temperature for joint foam must be between +15 °C and +25 °C. If joint foam is exposed to higher or lower temperatures during transport, joint foam must be stored at the correct temperature immediately after unloading.

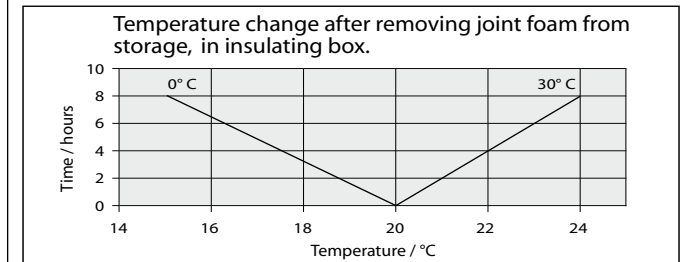
When stored correctly, the shelf life is 1 year from the production date (the production date is specified on each individual bag).

Do not store in staff rooms.

When foaming joints, the temperature of the foam components must be min. 20 °C and max. 25 °C.

The proper temperature of the foam components during foaming is an extremely important prerequisite for the foam components to be able to be sufficiently mixed together, as well as being important to the chemical process.

The table shows temperature changes for the foam components of polyol mixture and isocyanate after they have been removed from storage with a temperature of 20 °C and placed in the insulating box at outdoor temperatures of 0 °C and 30 °C.



Foaming should only occur at a pipe temperature of min. 5 °C and max. 50 °C.

For foaming of joints the foam components must be thoroughly mixed together, until the mixture has attained a **uniform brown colour without dark spots**. The mixing process must be intense, since the foam components will begin to react upon contact. The process thus is time-limited.

The correct mixing process is crucial to the final quality of the foam. See <https://www.isoplus.co.uk/joint-foam/> for information about dosage of foam for the individual joint components or scan the QR code.



DANGER



CAS-nr.: 9016-87-9

Contains:

Diphenylmethane diisocyanates, isomers and homologues

UFI: 7A67-M8MR-300Q-N5F0

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