

Safety Data Sheet 91/155/EWG
PU Cleaner
Dissolvent for Polyurathane Foam Gun

Revised: 21.03.2002

1. Identification of the substance/preparation and of the company

Product name:	1K- PU FOAM IZOFOAM
Company	Vlachos MONOTIKI S.A
Street/POB-No.:	Blatsouka 17
State/postal code/city:	43100 Karditsa
Telephone:	00302441041250
Telefax:	00302441026850
Email:	monotiki@kar.forthnet.gr
Homepage:	www.monotiki.gr
Emergency Number	00302441026590

2. Composition/ information on ingredients

Chemical characteristics: Cleaner based on acetone.
Propellant: Carbon dioxide, Propane/ Butane mixture.

Hazardous components :

CAS-Number	Hazardous components	Concentr.-%	Symbols	R- phrases
74-98-6/106-97-8	Propane/ Butane	5-20	F+	12
00124-38-9	Carbon dioxide	1-5		
67-64-1	Acetone	75-90	F, Xi	11,36,66,67

3. Possible dangers

Extremely flammable. In use, may form flammable/ explosive vapour- air mixture, particularly on the ground. Irritant. Irritating to eyes. Repeated exposure may cause skin dryness or cracking. Vapours may cause drowsiness and dizziness.

4. First- aid measures

Inhalation:

Ensure supply of fresh air. Use mouth – to- mouth or mouth to nose resuscitation.

Eye contact:

Rinse thoroughly with plenty of water at open eye lid and seek medical advice.

Skin contact:

Wash with plenty of water and soap. After that moisture the skin.

Further information:

After swallowing immediately consult a doctor for medical advice.

5. Fire- fighting measures

Suitable extinguishing media: foam, water spray or fog. Dry chemical powder, carbon dioxide, sand or earth may be used for small fires only.

Unsuitable extinguishing media: water spray jet

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6. Accidental release measures

Environmental measures:

Prevent contamination of soil and water. Prevent from spreading or entering into drains, ditches or rivers by using sand, earth or other appropriate barriers.

Cleaning- up method:

Absorb or contain liquid with sand, earth or spill control material. Sort out leaking cans and dispose off.

7. Exposure controls and personal protection

Contains Propane/ Butane (MAC- value 1000 ppm) and Acetone (MAC- value 500 ppm).

Industrial hygiene: After work- time and during work intervals the affected skin areas must be thoroughly cleaned. At work do not eat, drink, smoke or take drugs.

Respiratory protection : In unventilated areas.

Skin protection: Wear protective gloves.

Eye protection: Wear goggles during treatment of large quantities

8. Physical and chemical data

Physical state	Aerosol
Colour:	Colourless
Odour	Characteristic like acetone
Change of physical state:	Not applicable
Flash point:	Not applicable
Ignition point (spray mist)	>250°C
Explosion limits	Lower : 0,6 Vol.% Upper : no data available
Vapour pressure(mbar) :	20°C : 4,2 50°C : 8,0
Density at 20 °C (g/ ml):	0,78
Solubility:	Partly soluble at water
Octanol/ water partition coefficient at 20 °C	No data available
Viscosity (mpas) at 20 °C	No data available

9. Handling and storage

Handling:

Use only in well- ventilated areas. Keep away from sources of ignition. Do not smoke. Do not spray in eyes. Protect against solar radiation.

Storage:

Observe storage regulations for aerosols (in Germany TRG 300). Store in well- ventilated areas only. Storage temperature never above 50°C. Do not carry in car- interior.

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10. Waste disposal considerations

For recycling, consult waste disposal centres.
EAK- Number: 16 05 04

11. Stability and reactivity

Thermal decomposition:
None at appropriate use.

Hazardous decomposition products
None at appropriate use.

Hazardous reactions:
At temperature above 50° C danger of exploding cans.

12. Toxicological information

Contains Acetone (MAC- value 500 ppm).
Inhalation of solvent vapours can lead to narcotic aspects.

13. Ecological information

Water hazards class: 1 (self- classification)
Watercontaminating. Do not allow to enter soil, waterways or waste water.

14. Transport

GGVS/ADR: 1950 Aerosols, 2 Items 5F ADR

Class: 2 Item: 5F Number: 2201
UN- number: 1950

GGVE/RID: 1950 Aerosols, 2 Items 5F RID

Class: 2 Item: 5F Number: 201
UN- number: 1950

GGVsee/IMGD: Aerosols

Class: 2.1 Page: 2102 Pkg- Gr:
UN- number: 1950 EmS- No: 2-13 MFAG-No: 311

ICAO/IATA-DGR: Aerosols flammable, n. o. s., containing propane/ butane.

Class: 2.1 Sub- Risk: 3 Pkg- Gr: II
UN- No: 1950 Pkg- Notes, Pass. 203/75 kg, Cargo 203/150kg

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15. Regulatory information

The product is classified and labelled in accordance with EC directives/ German regulations on dangerous substances.

Symbols: **F+,Xi**

Dangers: extremely flammable, irritant

Pressurised container. Protect from sunlight and do not expose to temperatures exceeding 50° C. Do not pierce or burn, even after use. Do not spray on a naked flame or any incandescent material. Keep away from sources of ignition- No smoking. Keep out of the reach of children. In use, may form flammable/ explosive vapour- air mixture. Do not breath spray. Use only in well ventilated areas.

Irritating to eyes. In case of contact with eyes, rinse immediately with plenty if water and seek medical advice.

Vapours may cause drowsiness and dizziness. Dispose of this material and its container to hazardous or special waste collection point. For proper disposal empty aerosol can completely.

16. Additional information

Note:

This information describes exclusively the safety requirements of the product / and based on our current knowledge, there are no assurance for properties of the product described / regarding the legal standard warranty. PROPERTIES of the material to be taken each time from the leaflets of the material.