



Ideal Chemical Products Ltd

Unit D5, Taylor Business Park, Warrington Road, Warrington, Cheshire, WA3 6BL.
Telephone: 01925 765934, Fax: 01925 766320 E-Mail: info@idealsealants.com

PU Foam Cleaner

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Product name : PU Foam Cleaner
Supplier : See above
Emergency phone number : 07860287152 (after working hours)

2. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical characterization

Description: Mixture of substances listed below with nonhazardous additions.

· Dangerous components:			
CAS: 67-64-1 EINECS: 200-662-2	acetone	Xi, F; R 11-36-66-67	50-100%
CAS: 75-28-5 EINECS: 200-857-2	isobutane	F+; R 12	2.5-10%
CAS: 124-38-9 EINECS: 204-696-9	carbon dioxide		2.5-10%
CAS: 74-98-6 EINECS: 200-827-9	propane	F+; R12	≤2.5%

Regulation (EC) No 648/2004 on detergents / Labelling for contents	
aliphatic hydrocarbons	5-15%

Additional information : For the wording of the listed risk phrases refer to section 16.

3. HAZARDS IDENTIFICATION

Information concerning particular hazards for human and environment:

The product has to be labelled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version. At long or repeated contact with skin it may cause dermatitis due to the degreasing effect of the solvent.

R 12 : Extremely flammable.
R 36 : Irritating to eyes.
R 66 : Repeated exposure may cause skin dryness or cracking.
R 67 : Vapours may cause drowsiness and dizziness.

Pressurized 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.
Buildup of explosive mixtures possible without sufficient ventilation. Keep out of the reach of children

Classification system : The classification is according to the latest editions of the EU-lists, and extended by company and literature data.

4. FIRST AID MEASURES

Inhalation : Supply fresh air; consult doctor in case of complaints. Take affected persons into fresh air and keep quiet.
Eyes : Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
Skin : Immediately wash with water and soap and rinse thoroughly. Immediately remove any clothing soiled by the product.
Ingestion : Do not induce vomiting; call for medical help immediately.

PU Foam Cleaner

5. FIRE-FIGHTING MEASURES

- Extinguishing media** : Foam, dry powder or carbon dioxide.
Unsuitable extinguishing media : Water on full jet.
Unusual Fire & Explosion Hazards : Can form explosive gas-air mixtures. Formation of toxic gases is possible during heating or in case of fire.
Additional Information : Cool endangered water receptacles with water spray. Dispose of fire debris and contaminated fire fighting water in accordance with official regulations

6. ACCIDENTAL RELEASE MEASURES

- Person-related safety precautions** : Wear protective equipment. Keep unprotected persons away. Ensure adequate ventilation. Keep away from ignition sources.
Environmental protection measures : Do not allow product to reach sewage system or any water course. Inform respective authorities in case of seepage into water course or sewage system. Do not allow to enter sewers/ surface or ground water.
Measures for cleaning/collecting : Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust). Ensure adequate ventilation.
Additional information : See Section 13 for disposal information.

7. HANDLING AND STORAGE

- Handling** : Ensure good ventilation/exhaustion at the workplace. Avoid contact with skin and eyes.
Storage : Store in a cool location. Observe official regulations on storing packagings with pressurized containers. Keep ignition sources away - Do not smoke. Protect against electrostatic charges. Protect from sunlight and do not expose to temperatures exceeding 50°C, i.e. electric lights. Do not pierce or burn, even after use. Do not spray onto a naked flame or any incandescent material.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Additional information about design of technical facilities: No further data; see item 7.

· Ingredients with limit values that require monitoring at the workplace:	
67-64-1 acetone	
WEL	Short-term value: 3620 mg/m ³ , 1500 ppm Long-term value: 1210 mg/m ³ , 500 ppm
124-38-9 carbon dioxide	
WEL	Short-term value: 27400 mg/m ³ , 15000 ppm Long-term value: 9150 mg/m ³ , 5000 ppm

Additional information: The lists valid during the making were used as basis.

- Protective and hygienic measures** : Keep away from foodstuffs, beverages and feed. Immediately remove all soiled and contaminated clothing. Wash hands before breaks and at the end of work. Avoid contact with the eyes. Avoid contact with the eyes and skin.
Respiratory protection : In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use self-contained respiratory protective device. Use suitable respiratory protective device in case of insufficient ventilation.
Short term filter device : Filter AX
Protection of hands : The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.
Material of gloves : The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. Butyl rubber, BR.
Recommended thickness of the material: ≥ 0.5 mm
Penetration time of glove material : The exact break trough time has to be found out by the manufacturer of the protective gloves and has to be observed. ≥ 240 min
Eye protection : Tightly sealed goggles

9. PHYSICAL AND CHEMICAL PROPERTIES

- Physical state** : Aerosol
Colour : Colourless
Odour : Acetone like
Ignition temperature : > 200 °C
Flash point : NA °C
Lower explosion limit : NA vol-%
Upper explosion limit : NA vol-%

PU Foam Cleaner

10. STABILITY AND REACTIVITY

- Thermal decomposition** : No decomposition if used according to specifications.
Dangerous reactions : No dangerous reactions known.
Dangerous decomposition products : Carbon monoxide and carbon dioxide

11. TOXICOLOGICAL INFORMATION

Acute toxicity

· LD/LC50 values relevant for classification:		
67-64-1 acetone		
Oral	LD50	5800 mg/kg
Dermal	LD50	20000 mg/kg

Primary irritant effect

- Skin** : No irritant effect.
Eye : Irritating effect.
Sensitization : No sensitizing effects known.
Additional toxicological information : The product shows the following dangers according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version: Irritant Vapours have narcotic effect.

12. ECOLOGICAL INFORMATION

- WGK (Germany)** : 1 (self-assessment) slightly hazardous to water. Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system

13. DISPOSAL CONSIDERATIONS

- Product Recommendation** : Must not be disposed together with household garbage. Do not allow product to reach sewage system.

European waste catalogue	
16 05 04	gases in pressure containers (including halons) containing dangerous substances
15 01 04	metallic packaging

- Unclean packaging** : Disposal must be made according to official regulations.

14. TRANSPORT INFORMATION

- ADR/RID class** : 2 5F Gases.
IMDG/ICAO/IATA Class : 2.1
UN Number : 1950
Hazard label : 2.1
Proper shipping name : AEROSOLS

15. REGULATORY INFORMATION

- Risk phrases** : 12 Extremely flammable.
36 Irritating to eyes.
66 Repeated exposure may cause skin dryness or cracking.
67 Vapours may cause drowsiness and dizziness.
- Safety phrases** : 23 Do not breathe aerosol.
26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
51 Use only in well-ventilated areas.
56 Dispose of this material and its container to hazardous or special waste collection point.
- Special labelling** : Pressurized 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. Buildup of explosive mixtures possible without sufficient ventilation. Keep out of the reach of children

PU Foam Cleaner

16. OTHER INFORMATION

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

Relevant R-phrases : 11 Highly flammable.
12 Extremely flammable.
36 Irritating to eyes.
66 Repeated exposure may cause skin dryness or cracking.
67 Vapours may cause drowsiness and dizziness.