

EU-Safety Data Sheets relating 91/155/EEC number: 125-140

Home Nr.: 125-140 Revised at: 01.2010
Name in Cmrce. **Adhesive for plastic patterns**
Version: 1.3 Class of: 01.2010
Product no.: **125-140-00**
Code:

01. Identification of the Substance and of the Company

Product Definition

Name in Cmrce.: Adhesive for plastic patterns
Product-Infos: Adhesive for plastic patterns
Manufacturer: DENTAURUM GmbH & Co. KG
Turnstraße 31 D-75228 Ispringen

Information from

Emergency-Info: Chemie
07231-803-184/190

02. Composition/Information on Ingredients

Chemical Nature:
contains acetone

Dangerous Contents:

CAS number/Description:	Concentration:	GS:	R Phrases:
67-64-1 acetone		F	11

03. Hazards Identification

- 11 Highly flammable.
- 18 In use, may form flammable/explosive vapour-air mixture.
- Direct contact with skin will cause burns.
- Thermal decomposition will generate irritant and harmful gases.

04. First-Aid Measures

- First aid measures / general information
Remove contaminated soaked clothing immediately and dispose of safely.
- First aid measures / inhalation
Remove the casualty into fresh air and keep him calm.
In the event of symptoms refer for medical treatment.
- First aid measures / skin contact
In case of contact with skin wash off immediately with soap and water
- First aid measures / eye contact
In case of contact with eyes rinse thoroughly with plenty of water and seek medical advice
- First aid measures / ingestion
Do not induce vomiting.
Summon a doctor immediately.
- Advice to doctor / symptoms
Headache
Nausea
Confusion
Dizziness
- Advice to doctor / hazards
Risk of pneumonia
- Advice to doctor / treatment
If swallowed, flush stomach adding activated charcoal.

05. Fire-fighting Measures

- Suitable extinguishing media
foam
water spray jet
water mist
- Extinguishing media that must not be used for safety reasons
Full water jet
- Special exposure hazards arising from the substance or preparation itself, combustion products or resulting gases
Carbon monoxide (CO)
- Special protective equipment for firefighters
Use breathing apparatus.
Wear full protective suit.
- Additional informations (5.5)
Cool containers at risk with water spray jet.

06. Accidental Release Measures

- personal precautions
Keep away sources of ignition.
- environmental precautions
Do not discharge into the subsoil/soil.
- methods for cleaning up/taking up
Take up with absorbent material.

07. Handling and Storage

- Advice on safe handling
- Advice on protection against fire and explosion
Keep away from sources of ignition
Do not smoke.
Vapours can form an explosive mixture with air.
Take precautionary measures against static discharges
- Advice on storage compatibility
Do not store with combustible materials
- Further information on storage conditions
Keep container tightly closed
Protect from sun.
Protect from heat/overheating.

08. Exposure Controls/Personal Protection

- General protective measures
Do not inhale vapours
Avoid contact with eyes and skin
- Hygiene measures
Do not eat or drink when working.
Do not smoke when working.
After work-time and during work intervals the affected skin areas must be thoroughly cleaned.

Ingredients relating to Workplace-Limits to get supervised

CAS number/Description:	Concentration:	Typ:	Value:
67-64-1 acetone	-	MAK	1200,000 mg/m ³ 500,000 ml/m ³

09. Physical and chemical Properties

- Form
Liquid
- Colour
colourless
- Odour
like turpentine
- Changes in physical state 1, solid - liquid and others
Melting point: < -20°C
- Changes in physical state 2, liquid - gaseous and others
Boiling point: 85 - 95°C (DIN 51751)
- Flash point / remarks: < 10°C (DIN 51755)
- Ignition temperature / remarks: < 300°C
- Lower explosion limit / remarks: 1 Vol%
- Upper explosion limit / remarks: 12 Vol%
- Vapour pressure at T1 / remarks: 85 hPa (20°C)
- Vapour pressure at T2 / remarks: 280 hPa (60°C)
- Density / method
DIN 51757: 0,70g/cm³ (15°C)
- Solubility in water / remarks
virtually insoluble: (20°C)
- Partition coefficient: n-octanol/water / remarks: 3,4 - 4,6 log POW
- Viscosity / character
kinematic: 0,71 (20°C) DIN 51562

10. Stability and Reactivity

- Hazardous reactions
Formation of explosive gas/air mixtures.
Reactions with strong oxidising agents.
- Hazardous decomposition products
No hazardous decomposition products known.
- Thermal decomposition / remarks
At normal pressure may be distilled without decomposition.

11. Toxicological Information

- Acute oral toxicity / LD50
- Acute oral toxicity / species
rat: >2000 mg/kg
- Acute dermal toxicity / LD50
- Acute dermal toxicity / species
rat: >2000 mg/kg
- Acute inhalational toxicity / LC50
- Acute inhalational toxicity / species
rat: >30 mg/L/4h
- Irritant effect on skin / validation
slight irritant effect - does not require labelling
- Irritant effect on eyes / validation
slight irritant effect - does not require labelling
- Experiences made in practice
Has a degreasing effect on the skin.

12. Ecological Information

- Physico-chemical eliminability / other advices
The product is highly volatile and can be largely eliminated from the water by stripping.

13. Disposal Considerations

- Disposal / product
Hardened: Can be disposed of or incinerated together with household refuse
Non-hardened material must be treated as hazardous waste
Waste code no. (only EC): 080409
- Disposal / contaminated packaging
Contaminated packaging should be emptied as far as possible and after appropriate cleansing may be taken for reuse

14. Transport Information

- UN 1133
- Land transport / lorry / international / remarks
1133 Adhesives, flash point <23°C (contains Acetone)
- Land transport / rail / international / remarks
1133 Adhesives, flash point <23°C (contains Acetone)
- Marine transport / remarks
Proper shipping name: Adhesives containing a flammable liquid
- Air transport / remarks
Proper shipping name: Adhesives

30	GGVS/E-Class:	3, II	AS-No.:	080409
1133	ADR/RID-Class:	3, II		
	ADNR-class:	3	Category:	
	IMDG/GGVSee-CI/Digit:	3, II	EmS:	F-E, S-D
	MFAG:	330	ICAO/IATA:	3
			PG:	II

15. Regulatory Information

- Labelling
The product is classified and labelled in accordance with EC directives/German regulations on dangerous substances.
Hazard symbols
- F Highly flammable
R phrases
- 11 Highly flammable.
S phrases
- 16 Keep away from sources of ignition --- No smoking.
- 23 Do not breathe gas/fumes/vapour/spray (appropriate wording to be specified by the manufacturer).
- 33 Take precautionary measures against static discharges.
- 7/9 Keep container tightly closed and in a well-ventilated place.
- TA-Luft / remarks : Klasse III (Anh. E) 100%
- Water hazard class / remarks
Weakly water hazardous WGK 1



Highly flammable

16. Other Information

The information contained herein is based on the present state of our knowledge. It characterizes the product with regard to the appropriate safety precautions. It does not represent a guarantee of the properties of the product.
