FITTYDENT INTERNATIONAL GmbH

MATERIAL SAFETY DATA SHEET
According to 91/155/EEC

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1.0 NAME OF SUBSTANCE /FORMULATION AND NAME OF COMPANY

1.1 Trade Name: Secure Denture Adhesive

1.3 Particulars of Manufacturer/Supplier:

FITTYDENT INTERNATIONAL GmbH
A-1230 Wien
Carlbergergasse 38/3/1
Austria.

Phone: +43•1 381 81 81
Emergency Information Dr. Birgit Hagenauer
Emergency Number +43•1 381 81 81

2. COMPOSITION / DESCRIPTION OF COMPONENTS

- **Chemical characterisation**
- **Description:**
  Mixture of Polyvinylacetate with inactive, organic additions.

Hazardous components:

Substance	CAS-No.	EC-No.	Symbols(s)	R-phrase (s)
Ethanol < 15%	64-17-5	200-578-6	F	11

3. HAZARDS IDENTIFICATION

Health Handling this product in its final form presents minimal risk from occupational exposure. Health effects information is based on hazards of components. May cause transient eye irritation.

Environment No information is available about the potential of this product to produce adverse environmental effects.

4. FIRST-AID MEASURES

General information: No special measures required. Exposition to the product is medically harmless. Named First –aid Measures are of general nature.

After Inhalation: Remove affected person to fresh air. Seek medical attention if effects persists.

After Skin Contact: Generally the product is not irritant for the skin. Obtain medical attention if skin reaction occurs, which may be immediate or delayed.

After Eye Contact : Wash immediately with clean and gently flowing water. Continue for at least 15 minutes. Obtain medical attention.

After swallowing: If symptoms persist, consult doctor.

5. FIRE-FIGHTING MEASURES

Fire and Explosion

Hazards
Toxic, corrosive or flammable thermal decomposition products are expected when the product is exposed to fire.

Extinguishing Media
Use fire extinguishing methods suitable to surrounding conditions.
CO2, extinguishing powder, foam.

Do not use high volume water jet

Special Fire fighting Procedures

For single units (packages): No special requirements needed.
For larger amounts (multiple packages/pallets) of product: Since toxic, corrosive or flammable vapors might be evolved from fires involving this product and associated packaging, self contained breathing apparatus and full protective equipment are recommended for firefighters.
If possible, contain and collect firefighting water for later disposal.

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6. ACCIDENTAL RELEASE MEASURES

- **Person-related safety precautions:**
  Wear protective equipment. Keep unprotected persons away.
- **Measures for environmental protection:**
  Do not allow entry to sewage system/surface water/ground water.
- **Measures for cleaning/collecting:**
  Soak up in absorbent material
  (e.g. sand, siliceous earth, universal binding agent, sawdust).

7. HANDLING AND STORAGE

HANDLING

General Requirements No special control measures required for the normal handling of this product. Normal room ventilation is expected to be adequate for routine handling of this product.

STORAGE Store in a cool & dry place, away from light & heat.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

- **Additional information about design of technical systems:**
  No other informations, see section 7.

  Components with critical values that require monitoring at the workplace:
  64-17-5 ethanol (10-25%)
  OEL: 1900 mg/m3, 1000 ml/m3
- **Additional information:**
  The valid lists at date of preparation serves as basis.

- **Personal protective equipment::**
- **General protective and hygienic measures:**
  Wash hands before pauses and at the end of work.
- **Breathing equipment:** Not required.
- **Protection of hands:** Not required.
- **Protection of eyes:** Wear safety glasses.

9. PHYSICAL AND CHEMICAL PROPERTIES

- **Form:** liquid
- **Colour:** according to product description
- **Odour:** characteristic

	Value/Range	Unit	Method
Change in physical state			
Melting point/Melting range:	not determined		
Boiling point/Boiling range:	not determined		
Flash point:	> 65° C		
Ignition temperature:	425° C		

- **Autoflammability:**
  The product is not autoinflammable.
- **Danger of explosion:**
  The product is not explosive, however the formation of explosive vapour/air-mixtures is possible.
- **Explosion limits:**
  - **lower:** 3,5 Vol %
  - **upper:** 15,0 Vol %

Vapour pressure:	at 20° C	59 hPa
Density:	not determined	

Trade name: Adhesive Cream

- **Solubility in / Miscibility with**
- **Water:** not or only slightly miscible

10. STABILITY AND REACTIVITY

- **Thermal decomposition / conditions to be avoided.:**
  No decomposition of material is used in designated manner.
- **Dangerous reactions:** No hazardous reactions known.
- **Dangerous products of decomposition:**
  No hazardous decomposition products known.

11. TOXICOLOGICAL INFORMATION

- **Acute toxicity:**
- **Primary irritant effects:**
- **on the skin:** No irritation
- **on the eye:** May be irritating.
- **Sensitization:** No sensitizing effect known.

12. ECOLOGICAL INFORMATION

Summary No information is available about the potential of this product to produce adverse environmental effects. Local regulations and procedures should be consulted prior to environmental release.

13. DISPOSAL CONSIDERATIONS

Disposal Recommendations

Collect for recycling or recovery if possible. The disposal method for rejected products/returned goods must ensure that they cannot be re-sold or re-used.

Smaller quantities can be disposed of with household waste.

Regulatory Requirements observe all local and national regulations when disposing of this product.
The SDS should accompany all shipments for reference in the event of spillage or accidental release. Only authorized persons trained and competent in accordance with appropriate national and international regulatory requirements may prepare dangerous goods for transport.

14 Transport information:

- **Road- / Railtransport:**
- **ADR/RID class:** not restricted
- **Number:** not relevant
- **Hazard-Number:** not relevant
- **UN-Number:** not relevant
- **Label:** not relevant
- **Technical name:** not relevant

- **Sea transport IMDG:**
- **IMDG class:** not restricted
- **Page:** not relevant
- **UN-Number:** not relevant
- **Packing group:** not relevant
- **EmS-Number:** not relevant 3-05
- **MFAG-Number:** not relevant
- **Marine pollutant:** No
- **Technical name:** not relevant

- **Air transport ICAO-TI and IATA-DGR:**
- **ICAO/IATA class:** not restricted
- **UN-Number:** not relevant
- **Packing group:** not relevant
- **Technical name:** not relevant

15 Regulatory information:

- **Designation according to EC-directives:**
  The product is classified and labelled according to EC directives and the Ordinance on Hazardous Materials (GefStoffV)..

- **Hazardous components for labelling:** ethanol

- **R-phrases:** 10 Flammable

- **S-phrases:**
  7 Keep container tightly closed.
  16 Keep away form sources of ignition – No smoking.
  43 In case of fire, use sand, carbon dioxide or powered extinguishing agent. Never use water.

- **National regulations:**

- **Water hazard class:**
  WGK 1 (Shelf-classification): slightly hazardous for water.

16 Other information:

The informations in this MSDS are based on our present knowledge.
However, the represent no warranty for any specific product properties and they establish no contractual legal relationship.