SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE
Form: Liquid
Color: Different
Odor: Sweetish

Information on Change in the Physical State

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
<th>Method</th>
</tr>
</thead>
<tbody>
<tr>
<td>Melting point/melting range:</td>
<td>approx. -86 °C</td>
<td></td>
</tr>
<tr>
<td>Boiling point/boiling range:</td>
<td>approx. 40 °C</td>
<td></td>
</tr>
<tr>
<td>Flash point:</td>
<td>Liquid</td>
<td></td>
</tr>
<tr>
<td>Autoignition temperature:</td>
<td>005</td>
<td></td>
</tr>
<tr>
<td>Danger of explosion:</td>
<td>Lower limit of explosion: 1.6 % Kühn-</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Upper limit of explosion:  11.5 % Birett</td>
<td></td>
</tr>
<tr>
<td>Density:</td>
<td>approx. 0.83 (20 °C)</td>
<td>g/cm³</td>
</tr>
<tr>
<td>Vapor pressure:</td>
<td>approx. 150 mb</td>
<td></td>
</tr>
<tr>
<td>Viscosity:</td>
<td>Viscous</td>
<td></td>
</tr>
<tr>
<td>pH:</td>
<td>Neutral</td>
<td></td>
</tr>
<tr>
<td>Solubility in/miscibility with:</td>
<td>Soluble in acetone and toluene, slightly in petrol ether</td>
<td></td>
</tr>
<tr>
<td>Water:</td>
<td>Insoluble</td>
<td></td>
</tr>
<tr>
<td>Content of solvents:</td>
<td>Organic solvents: Ethyl methyl ketone, dichloromethane</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Water: None</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Content of solids: None</td>
<td></td>
</tr>
</tbody>
</table>

SECTION 10: STABILITY AND REACTIVITY

Conditions to Avoid:
Avoid heat. The product is stable by proper use.
Avoid contact with oxidation agents (e.g. Cr(VI) compounds; H₂O₂ etc.).
Avoid contact with alkali metals, alkaline earth metals, metals in powder form.

Hazardous Decomposition Products:
In case of fire: phosgene, hydrochloric acid

SECTION 11: TOXICOCHEMICAL INFORMATION

Acute toxicity:
Small effects of toxicity

Primary irritation:
Skin: Repeated or prolonged exposure may cause skin irritation or dermatitis, due to degreasing properties of the product. Resorption possible.
Eye: Severe irritating. Risk of corneal clouding.

Inhalation:
Mucosal irritations; inebriation, narcosis, unconsciousness.

Sensitization of Product:
Not observed.

Additional Toxicological Information:
The following applies to halogenated hydrocarbons in general: systemic effect: narcosis, cardiovascular disorders. Toxic effect on liver, kidneys. Handle in accordance with good industrial hygiene and safety practice.

SECTION 12: ECOLOGICAL INFORMATION

General information:
Do not allow to enter the environment or sewerage system.

Classification of Water Endangerment:
WGK 2 (German regulation) hazardous for water.

SECTION 13: DISPOSAL CONSIDERATION

Product:
Recommendation: Use proper landfill disposal or incineration in accordance with local, state and federal regulations.

Uncleaned Packaging:
Recommendation: Handle contaminated packaging in the same way as the substance itself.

SECTION 14: TRANSPORTATION INFORMATION

Land Transport ADR Code: UN 1992
ENTZÜNDbare FLÜSSIGKEIT, TOXIC N.A.G.
(Bisphenol A / Dichloromethane), 3 (6.1), II

Maritime Transport: IMDG Code:
Air Liquid: TOXIC, N.D.S. (Ethyl methyl ketone / Dichloromethane), 3 (6.1), II
Air Cargo: ICAO-TT-2008: Flammable LIQUID, TOXIC, N.D.S. (Ethyl methyl ketone / Dichloromethane), 3 (6.1), II

The transport regulations are cited according to international regulations. Possible national deviations in other countries are not considered.

SECTION 15: REGULATORY INFORMATION

Classification according to EC-guidelines:
The product is a medical device according to EC-directive 93/42 EEC.

Chemical safety assessment:
A Chemical Safety Assessment has not been carried out.

SECTION 16: OTHER INFORMATION

Changes Compared with the Previous Version: Adaptation according to 1907/2006/EC, Article 31

The above information is based on our present day knowledge and relates solely to the safety requirements of the product. The data does not signify any warranty with regards to product’s properties. However, users of the product should satisfy themselves that the information given is sufficient and correct for their specific circumstances of use.

CLINICIAN’S CHOICE® Dental Products, Inc. does not accept liability for any loss or damage, direct or consequential, arising out of the use or the inability to use this product before using, the user shall determine the suitability of the product for its intended use and the user assumes all risk and liability whatsoever in connection therewith.

Prepared by: Peter G. Jordan

CAUTION: U.S. Federal law restricts this device to sale by, or on the order of, a dentist.

1-800-265-3444 • Phone: (519) 641-3066 • Fax: (519) 641-3083
clinicianschoice.com
SECTION 1: PRODUCT IDENTIFICATION/PREPARATION/COMPANY UNDERTAKING

Trade Name: AFFINITY ™ Tray Adhesive

PRODUCT DETAILS

Purpose: A liquid adhesive used as a medical device to provide a bond between the impression material and tray when fabricating dental impressions.

Intructions:

1. Thin a layer of AFFINITY ™ Tray Adhesive onto tray.
2. Allow to sit for 1.00 minute.

NOTE: Use only AFFINITY ™ Tray Adhesive with hydroactive AFFINITY ™ VPS Impression Material.

SafetY DATA SHEET

SECTION 2: HAZARDS IDENTIFICATION

Classification and labelling according to Regulation (EC) 1272/2008:

Signal word: Danger
Hazard statements:
H319 Causes serious eye irritation
H336 May cause drowsiness or dizziness

Label elements:
Flam. Liq. 2, H225 Highly flammable liquid and vapor
Carc. 2, H351 Suspected of causing cancer

Classification according to Regulation of (EC) 1272/2008:

GHS Classification:
H319 Eye Irrit. 2, H336 Stot. Se. 3, H351 Carc. 2

Date of Issue: 26.05.2015
Date of Review: October 2016

SECTION 3: COMPOSITION/INFORMATION OF INGREDIENTS

CAS-No
[75-09-2] EC-No 200-838-9 Dichloromethane GHS08, H351
[78-93-3] EC-No 201-129-0 Ethyl methyl ketone GHS02, GHS07

Description:
Solution of modified polyacrylates in ethyl methyl ketone and dichloromethane.

SECTION 4: FIRST-AID MEASURES

After Inhalation: Fresh air.
After Skin Contact: Wash with plenty of water. Remove contaminated clothing. Consult a physician.
After Eye Contact: Rinse with plenty of water with the eyelid held wide open. Consult an ophthalmologist, if necessary.
After Skin Contact: Wash with plenty of water. Remove contaminated clothing. Consult a physician immediately.
After Swallowing: Drink plenty of water, but no milk or castor oil. Call a physician immediately.

SECTION 5: FIRE/FRFIGHTING MEASURES

Extinguishing media:
Water, CO₂, foam, powder.

Extinguish fires with plenty of water if away from source of ignition.

Exposure Contols/Personal Protection

Protection of eyes: Glasses recommended.
Protection of Hands: None
Respiratory Protection: None

Additional Information:

Pregnancy: Group C

Additional Information:

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

Personal Protective Equipment:
Change contaminated clothes. After finishing of work wash hands.

General measures of Protection and Hygiene: Do not eat, drink or smoke during handling. Avoid contact with eyes or skin.

Respiratory Protection: Required when vapors/arsenic are generated.

Protection of Hands: Wear gloves.
Eye Protection: Glasses recommended.

SECTION 6: ACCIDENTAL EXPOSURE MEASURES

Provide fresh air to victim. Supply of fresh air in enclosed rooms.
Ensure adequate ventilation. Observe local by-laws. Do not allow to enter sewager system.
Methods for Cleaning up: Wipe with absorbent material. Dispose. Clean up according to local by-laws.

Additional Information:

No

SECTION 7: HANDLING AND STORAGE

Handling: The product should only be supplied or handled to dentists or dental technicians or upon their instructions.
Recommended for Fire and Explosion Protection: Keep away from sources of ignition.

Storage: Requirements for Storage: In well ventilated place at 15°C to 25°C. Requirements for Storage with Other Products: Keep away from food. Further Information on Storage Conditions: None

SECTION 8: EXCIPIENTS/COMPONENTS/PERSONAL PROTECTION

Components with Limits of Values to be Supervised at the Workplace:

CAS-No. Name of product
[78-93-3] dichloromethane TRGS900 260 mg/m³
[75-09-2] ethyl methyl ketone TRGS900 600 mg/m³

Group: Pregnancy: C

Advisories for Manual use:

Environmental Precautions: None

Additional Information:

None

continued...