

Safety Data Sheet

Tray Adhesive

SDS DATE: 1/03/12

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

Product Name: Tray Adhesive

Other Names: 9799021

Product Use: A solvent-based tray adhesive for alginates and hydrocolloid impression trays.

Supplier:

DE Healthcare Products
Gillingham ME8 0SB UK

UK +44 (0) 1634878750
Emergency #: Chemtrec US (800) 424-9300
International: 001 703-527-3887
Fax +44 (0) 1634 87 87 51

for De Healthcare:
email: info@dehpbbrand.com

for Cybertech:
email: info@cybertechbrand.com

Section 2: Hazards Identification

Emergency Overview

Warning: Flammable liquid.
Causes skin irritation.
Causes serious eye irritation.

Routes of Entry:
Inhalation, Skin Contact

Potential Health Acute Effects:

Eyes:
Causes serious eye irritation.

Skin:
Causes skin irritation.

Ingestion:
Harmful if swallowed.

Inhalation:
Causes respiratory tract irritation.
Can cause central nervous system effects like dizziness, drowsiness, headache, and nausea.

Potential Chronic Health Effects:
Chronic overexposure may cause kidney, liver and reproductive disorders.

Section 3: Composition/Information on Ingredients

<u>COMPONENT:</u>	<u>CAS NO.</u>	<u>% WT</u>
Isopropanol	67-63-0	< 20
Toluene	108-88-3	< 20

Section 4: First Aid Measures

Eyes:
Rinse immediately with plenty of water, also under the eyelids for at least 15 minutes.
Do not rub eyes; mechanical action may cause corneal damage.
Seek medical attention immediately.

Safety Data Sheet

Tray Adhesive

SDS DATE: 1/03/12

Skin:

Rinse with plenty of water.
Remove contaminated clothes.
Get medical attention.

Ingestion:

Do not induce vomiting.
The victim should drink several glasses of water to dilute the ingested substance.
If vomiting occurs naturally, keep airway clear.
Get medical attention.
Never give anything by mouth if the victim is rapidly losing consciousness, or is unconscious or convulsing.

Inhalation:

Move to fresh air.
If breathing has stopped, administer artificial respiration.
If breathing is difficult, administer oxygen.
Seek medical attention immediately.

Section 5: Fire-Fighting Measures

Flammable/Explosive Limits:

Upper: Not Determined
Lower: Not Determined

Flash Point:

F: 80.6°F
C: 27°C

Method Used:

Flash Point, Pensky-Martens

Extinguishing Media:

Carbon Dioxide.
Dry Chemical

Special Fire Fighting Measures:

In case of fire, keep containers cool with water spray.

Unusual Fire and Explosion Hazards:

Closed containers may rupture (due to build up of pressure) when exposed to extreme heat.

Section 6: Accidental Release Measures

General Information:

Avoid open flames and sources of ignition.

Environmental precautions:

Add dry material to absorb spill (if large spill, dike to contain).

Process for cleaning and take-up:

Using recommended protective and explosion-proof equipment, pick up and containerize for recovery or disposal.
Flush area with water, collect for disposal.

Section 7: Handling and Storage

Handling:

Handling advice:

Use proper grounding procedures when handling near flammable or explosive materials.

Fire and explosion protection:

Keep away from heat, spark, and open flames.

Safety Data Sheet

Tray Adhesive

SDS DATE: 1/03/12

Section 8: Exposure Controls/Personal Protection

Exposure Guidelines:

Isopropyl Alcohol – STEL 500 ppm, REL 400 ppm (NIOSH)
– STEL 500 ppm, TWA 400 ppm (OSHA Z1A)

Toluene – STEL 150 ppm, REL 100 ppm (NIOSH)
– STEL 150 ppm, TWA 100 ppm (OSHA Z1A)

Engineering Controls:

Ventilation:

Local exhaust ventilation recommended.

Personal Protection:

Respiratory Protection:

Respirator with organic vapor cartridge.
Not applicable with adequate ventilation.

Hand Protection:

Protective gloves made of plastic.
Protective gloves made of rubber.

Eye Protection:

Safety glasses with side shields.

Section 9: Physical and Chemical Properties

General description:

State: Liquid
Odor: of solvent
Color(s): amber

<u>Designation:</u>	<u>Value</u>	<u>Method</u>
Vapor Pressure:	28 mbar	no information
Density:	0.900 g/cm ³	no information
Solubility in Water:	Appreciable (>10%)	no information
Analysis of Volatile Matter:	40%	no information
Analysis of Volatile organic components:	0%	no information

Section 10: Stability and Reactivity

Stability:

Dangerous decomposition products:

None if used for intended purpose.

Decomposition advices:

No decomposition if used according to specifications.

Reactivity:

Materials to avoid:

None known.

Hazardous polymerization:

Will not occur.

Safety Data Sheet

Tray Adhesive

SDS DATE: 1/03/12

Section 11: Toxicological Information

General toxicological information:

No toxicity information available or testing conducted on this product.

Any health or toxicological information included in Section 3 was based on data associated with the components or an analogous product.

Section 12: Ecological Information

General ecological information:

No data available.

Section 13: Disposal Considerations

Waste disposal of product:

Dispose of in a licensed hazardous waste facility in accordance with applicable laws.

Hazardous waste number D001.

This product, if disposed as shipped, meets EPA criteria of a hazardous waste as specified in 40 CFR 261 on the basis of its ignitability.

Section 14: Transport Information

U.S. Department of Transportation Ground (49 CFR):

Proper shipping name:	Resin Solution
Hazard class or division:	3
Danger labels:	3
Identification number:	UN 1866
Packing group:	III
Marine pollutant:	None
ERG/EMS:	127
RQ:	5,000 lb Toluene

International Air Transportation (ICAO/IATA)

Proper shipping name:	Resin Solution
Hazard class or division:	3
Danger labels:	3
Identification number:	UN 1866
Packing group:	III
RQ:	5,000 lb Toluene

Water Transportation (IMO/IMDG)

Proper shipping name:	Resin Solution
Hazard class or division:	3
Danger labels:	3
Identification number:	UN 1866
Packing group:	III
Marine pollutant:	None
ERG/EMS:	F-E;S-E
RQ:	5,000 lb Toluene

The transport information provided represents the regulatory transport classification of the product without consideration to packaging, quantity, or modal restrictions and exceptions. It is the user's responsibility to determine the appropriate packaging and modal requirements and/or limitations for the product quantity being shipped.

Safety Data Sheet

Tray Adhesive

SDS DATE: 1/03/12

Section 15: Regulatory Information

TSCA Inventory Status:

This product and/or all of its components are either included on or exempt from the TSCA Inventory of Chemical Substances.

SARA 311/312 Hazard Categories:

Immediate Health, Delayed Health, Fire

TSCA 12(b) Components:

None

SARA 313 Toxic Chemicals:

US. EPA Emergency Planning and Community Right-To-Know Act (EPCRA)
SARA Title III Section 313 Toxic Chemicals (40 CFR 372.45) – Supplier Notification Required

Isopropyl Alcohol	CAS: 67-63-0	20.0000%
Toluene	CAS: 108-88-3	20.0000%

SARA 302 Extremely Hazardous Substances:

None

CERCLA Hazardous Chemicals:

U.S. EPA CERCLA Hazardous Substances (40 CFR 302)

Unlisted hazardous Wastes Characteristic of Ignitability	CAS: 67-63-0	20.0000%
Toluene	CAS: 108-88-3	20.0000%

California Proposition 65:

This product contains the following chemical(s) known to the State of California to cause cancer and/or birth defects or other reproductive harm.

Toluene (Inhaled)	CAS: 108-88-3	20.0000%
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Section 16: Other Information

NFPA Rating (US)	Value
Health	2
Fire	3
Reactivity	0
Special Hazard	

HMIS Rating (US)	Value
Health	2
Fire	3
Reactivity	0

All information, recommendations, and suggestions appearing herein concerning our product are based upon tests and data believed to be reliable. However, it is the user's responsibility to determine the safety, toxicity, and suitability for his own use of the product described herein. Since the actual use by others is beyond our control, no guarantee, express or implied, is being made as to the effects of such use, the results obtained, or the safety and toxicity of the product nor is there any assumed liability arising out of use, by others, of the product referred to herein. The information herein is not to be construed as absolutely complete since additional information may be necessary or desirable when particular or exceptional conditions or circumstances exist or because of applicable laws or government regulations.