

SAFETY DATA SHEETS

This SDS packet was issued with item:

073670478

The safety data sheets (SDS) in this packet apply to one or more components included in the items listed below. Items listed below may require one or more SDS. Please refer to invoice for specific item number(s).

073670452 073670460

MEGA TRAYS MSDS

MATERIAL SAFETY DATA SHEET

Custom Tray Material Revision Date: November 2011

Base Plate Material

Company Name - SELECT DENTAL MFG. CO., INC

Company address - 88-90 Allen Blvd.

Farmingdale, NY 11735

631-694-3199 phone

631-694-5063 fax

Emergency Number

866-833-7790

SECTION I - IDENTIFICATION OF THE SUBSTANCE PREPARATION AND OF THE COMPANY

Information on the product:

Trade name

Megatray

SECTION II - COMPOSITION/INFORMATION ON INGREDIENTS

Composition/information on ingredients

Composition of different acrylates, vaseline, glass pearls, starter for polymerization and admixtures

SECTION III - HAZARDS IDENTIFICATION

Special hazards information for human and environment not applicable

SECTION IV - FIRST AID MEASURES

General information - No special measures necessary

After inhalation - Not required because of boiling about 480oF

After contact with skin - If megatray is modelled onto the plaster model wash hands with water and soap.

After contact with eyes - Rinse thoroughly with plenty of water, seek medical advice if irritation.

After ingestion - Cause vomiting and seek medical advice

SECTION VI - ACCIDENTAL RELEASE MEASURES

Personal precautions: Use only in well ventilated areas.

Environmental precautions: Do not empty into drains.

Methods of cleaning up: Take up mechanically.

SECTION VII - HANDLING AND STORAGE

Handling:

Technical measures: Keep container tightly closed.

Safe handling advice: Wear suitable gloves. Avoid contact with eyes.

Storage:

Technical measures: Keep container in a well - ventilated place.

Storage conditions: Keep container tightly closed. Keep in a dark, cool place.

Recommended packaging material: Container of solvent-stable plastics.

SECTION VIII - EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering measures:

Use only in well-ventilated areas.

Personal protective equipment:
Respiratory protection: Do not breathe vapor.
Hand and skin protection: Rubber gloves
Eye protection: Goggles
Hygiene measures: When using do not eat or drink.

SECTION IX - STABILITY AND REACTIVITY

Thermal decomposition: at ca.200 C No decomposition, if handled according to directions.

Hazardous reactions: None, if handled and stored according to directions.

Conditions to avoid: Heat, light.

Materials to avoid: Free radicals, reducing agents, and heavy metal

Cures on exposure to visible or UV-light.

SECTION X - TOXICOLOGICAL INFORMATION

Acute oral toxicity: LD50 (Rate)> 5000 mg/kg

Irritation of skin: Irritating on prolonged exposure

Irritation of eye: Irritating on prolonged exposure

Specific effects: Allergic reactions to meth/acrylates are possible.

SECTION XI - ECOLOGICAL INFORMATION

Do not discharge into drains or the environment

Persistence and degradability: No data available for the preparation

SECTION XII - DISPOSAL CONSIDERATIONS

Waste from residues: Use proper landfill disposal or incineration in accordance with local, state and federal regulations

SECTION XIII - TRANSPORT INFORMATION

Additional Information: Not dangerous cargo

SECTION XIV - REGULATORY INFORMATION

Labeling according to international regulations: Xi, Irritant, Contains meth/acrylic ester

Symbols of danger: St. Andrew's cross

R-phrases: 36/37/38

Irritating to eyes, respiratory system and skin

S-phrases: 26 - 28

In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

After contact with skin, wash immediately with plenty of water and soap.

SECTION XV - OTHER INFORMATION


None

The data given here is based on current knowledge and experience. The data does not signify any warranty with regard to the product's properties.

Safety Data Sheet

Print date 1/30/2017

Section 1 PRODUCT IDENTIFICATION	
Product Name	Mega Tray
Recommended Use	Light cure material for the fabrication of custom trays
Synonyms/Trade Names	Custom Tray Base Plate Material
Restrictions on Use	None known
Manufacturer	Select Dental MFG , 88 Allen Blvd Farmingdale, NY 11735 USA
Emergency Number	1-888-833-7790

Section 2 HAZARD IDENTIFICATION	
Classification of the substance or mixture	Indications of danger: Xi – Irritant R phrases: Irritating to eyes, respiratory system and skin.
GHS Classification	GHS07
Hazard Statement	H317 - May cause an allergic skin reaction.
Label Elements	Signal word: Warning  Pictograms:

Section 3 COMPOSITION/INFORMATION ON INGREDIENTS	
Chemical Characterization	Composition of different acrylates, vaseline, glass pearls, starter for polymerization and admixtures.
Hazardous Components	

EC No.	Chemical Name	Quantity
CAS No.	Classification	
Index No.	GHS Classification	
	Diurethane dimethacrylate	10 - < 15%
71549-84-3	R43	
	Skins Sens 1: H317	
	7,7,9-(resp. 7,9,9-) Trimethyl -4,13-dioxo-3,14-dioxa-5,12-diaza-hexadecane-1,16-diodimethacrylate	10 - < 15%
72869-86-4	Skins Sens. 1, Aquatic Chronic 3: H317 H412	

Section 4 FIRST AIR MEASURES	
General Information	No Special measures necessary
After Inhalation	Not required because of 482°F boiling point
Skin Contact	After material is modelled onto the plaster model wash hand with water and soap
Eye Contact	Rinse thoroughly with plenty of water, seek medical advice if irritated
Ingestion	Cause vomiting and seek medical advice

Section 5 FIRE-FIGHTING MEASURES	
Specific Hazards	N/A
Extinguishing Media	CO2, powder, waterspray
Fire Fighting Methods	N/A
Hazardous Combustion Products	N/A

Section 6 ACCIDENTAL RELEASE MEASURES	
Personal Precautions	None
Environmental Precautions	Not required
Containment Methods	Take up mechanically, cure in light and dispose
Cleanup Methods	Take up Mechanically

Section 7 HANDLING AND STORAGE	
Handling Procedures	No special measures necessary Keep container tightly closed, wear Suitable Gloves, Avoid Contact with eyes
Protection against fire and explosion	No special measures necessary
Storage Procedures	Keep container out of light, cool space, not above 68°F
Incompatibilities	N/A
Specific end use	Light cure material for the fabrication of custom trays

Section 8 EXPOSURE CONTROLS/PERSONAL PROTECTION	
Control Parameters	
Additional advice on limit values	None
Exposure Controls	
Appropriate engineering controls	None
Protective and hygiene measures	Keep common hygiene for the job
Eye/Face protection	Use safety goggles when treating cured material
Hand Protection	Use common rubber safety gloves

Section 9 PHYSICAL AND CHEMICAL PROPERTIES			
Physical State	Paste	Appearance/Description	Flat wafer
Color	White/Pink/Blue	Physical Form	Solid
Odor	Slight	Odor Threshold	N/A
Boiling Point	482°F	Flash Point	302°F
Density	1,75 g/cm3	Vapor Pressure	<1 hPa
Solubility in Water	Practically insoluble		

Section 10 STABILITY AND REACTIVITY	
Reactivity	No decomposition when used as directed
Hazardous Reaction	None, slow polymerization when light curing
Hazardous Decomposition	Not when used as prescribed
Conditions to Avoid	Direct light

Section 11						TOXICOLOGICAL INFORMATION			
Information on toxicological effects									
ATEmix Tested			Dose		Species				
LD50, oral			5000mg/kg		Rat				
LD50, dermal			2000mg/kg		Rat				
Acute Toxicity Level									
CAS No.		Chemical name							
		Exposure routes			Method Dose		Species		Source
71549-84-3		Diurethane dimethacrylate							
		oral			LD50 2000mg/kg		Rat		
72869-86-4		7,7,9-(resp. 7,9,9)Trimethyl-4,13-dioxo-3,14-dioxo-5,12 diaza-hexadecane-1, 16 dioldimethacrylate							
		oral			LD50 2000mg/kg		Rat		OECD 401, limit test

Section 12 ECOLOGICAL INFORMATION					
Toxicity – Do not dispose of uncured material in water					
CAS No.	Chemical Name				
	Aquatic toxicity	Method Dose	(h) (d)	Species	Source
71549-84-3	Diurethane dimethacrylate				
	Acute fish toxicity	LC50	10,1 mg/1	96h	Brachydanio rerio
72869-86-4	7,7,9-(resp. 7,9,9)Trimethyl-4,13-dioxo-3,14-dioxo-5,12 diaza-hexadecane-1, 16 dioldimethacrylate				
	Acute fish toxicity	LC50	10,1 mg/1	96h	Brachydanio rerio
					OECD 203

Section 13 DISPOSAL CONSIDERATIONS	
Disposal Methods	
Uncured	Special treatment as waste code 55 902 (cement and filler waste)
Waste disposal number of waste from residue/unused products	
200139	Municipal Wastes (household waste and similar commercial, industrial and institutional wastes) including separately collected fractions; separately collected fractions (except 15 01): plastics
Waste disposal number of unused product	
200139	Municipal Wastes (household waste and similar commercial, industrial and institutional wastes) including separately collected fractions; separately collected fractions (except 15 01): plastics

Section 14 TRANSPORT INFORMATION					
Other applicable information	No hazardous material				
US DOT Information Shipping Name	N/A	UN/NA #	N/A	Required label(s)	N/A
IMDG Information Shipping Name	N/A	UN/NA #	N/A	Required label(s)	N/A

Section 15 REGULATORY INFORMATION
U.S. Federal Regulations: None of this product's components are listed under SARA Sections 302/304 (40 CFR 355 Appendix A), SARA Section 313 (40 CFR 372.65), CERCLA (40 CFR 302.4), TSCA 12(b), or require an OSHA process safety plan.

Section 16 OTHER INFORMATION	
Relevant R-phrases (Number and full text)	
43	May cause sensitization by skin contact
52	Harmful to aquatic organisms
53	May cause long-term adverse effects in the aquatic environment
Relevant H – and EUH phrases (Number and full text)	
H317	May cause an allergic skin reaction
H412	Harmful to aquatic life with long lasting effects
Further Information	
The information described exclusive safety requirement of the product and based on the present knowledge. The do not represent assurance of properties of the product as defined by the lawful guarantee of the regulation.	

(The date for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet)

End of Sheet