

1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND OF THE COMPANY / UNDERTAKING

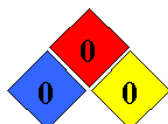
Name of product	Multi-layer PMMA Colors: multi-layered or mono
Manufacturer / distributor	The Ratava Group, LLC 3614 W. Cypress St. Tampa, FL 33607 Telephone: (855) 472-8282 E-Mail: sales@ratavagroup.com Web: www.ratavagroup.com
Advice	F&E
Emergency advice	Giftinformationszentrum Universitätsklinikum Mainz (Germany) Telefon +49(0)6131-19240
Recommended intended purpose(s)	Used to manufacture temporary crowns and bridges

2. HAZARDS IDENTIFICATION

Hazard description
Not applicable

Information pertaining to particular dangers for man and environment
Not applicable

Classification system:
NFPA ratings for USA (Scale 0 - 4)



Health = 0
Fire = 0
Reactivity = 0

HMIS-Ratings (Scale 0 – 4)

HEALTH	0
FIRE	0
REACTIVITY	0

Health = 0
Fire = 0
Reactivity = 0

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical characterization
CAS No. / Description:
[9011-14-7] Poly (methyl-methacrylate)
Identification number(s): --

4. FIRST AID MEASURES

General information
No special measures required

After skin contact
Generally the product does not irritate the skin

After eye contact

Rinse opened eye for several minutes under running water

After swallowing

Induce vomiting and seek advice of physician

5. FIRE-FIGHTING MEASURES

Suitable extinguishing agents

void

Protective equipment

No special measures required

6. ACCIDENTAL RELEASE MEASURES

Person related safety precautions

Not required

Measures for environmental protection

No special measures required

Measures for cleaning / collecting

pick up mechanically

Additional information

No dangerous substances are released

7. HANDLING AND STORAGE

Information for safe handling

No special measures required

Information about protection against explosions and fires

No special measures required

Requirements to be met by storerooms and receptacles

No special requirements

Information about storage in one common storage facility

Not required

Further information about storage conditions

Keep teeth away from heat and direct sunlight

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Additional information about design of technical systems

No further data; see item 7.

Components with limit values that require monitoring at the workplace

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace

Additional information

The lists that were valid during the creation of this document were used as basis

Personal protective equipment:

General protective and hygienic measures

The usual precautionary measures for handling chemicals should be followed

Breathing equipment

Not required

Protection of hands

Not required

Material of gloves

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer

Penetration time of glove material

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed

For the permanent contact in work areas without heightened risk of injury (e.g. Laboratory) gloves made of the following material(s) are suitable

Natural rubber, NR

Eye protection

Recommended during treatment with abrasive instruments

Body protection

Light weight protective clothing

9. PHYSICAL AND CHEMICAL PROPERTIES

Form

Solid

Color

Different according to coloring

Odor

Odorless

Important health, safety and environmental information:

	Value	Temperature	at	Method	Remark
Flash point:	not applicable				
Melting point / Melting range:	undetermined				
Boiling point / Boiling range:	undetermined				
Flash point:	Not applicable				
Danger of explosion:	Product does not present in explosion hazard				
Density:	1, 18 ± 0, 02 g/cm ³				
Water:	Insoluble				
Organic solvents:	0.0 %				

Solids content: 100.0 %

10. STABILITY AND REACTIVITY

Dangerous reactions

No dangerous reactions known

Dangerous products of decomposition

None

11. TOXICOLOGICAL INFORMATION

Acute toxicity/Irritability/Sensitization

Sensitization

No sensitizing effects known

Primary irritant effect

on the skin: No irritant effect
on the eye: No irritating effect

Additional toxicological information

When used and handled according to specifications, the product does not have any harmful effects according to our experience and information provided to us.

The substance is not subject to classification according to the latest version of the EU lists.

12. ECOLOGICAL INFORMATION

General regulation

Generally not hazardous for water

13. DISPOSAL CONSIDERATIONS

Recommendations for the product

Smaller quantities can be disposed of with household waste

Recommendations for packaging

Packaging can be reused or recycled after cleaning

14. TRANSPORT INFORMATION

DOT regulations

Hazard class: -

Land transport ADR/RID (cross-border)

ADR/RID class: -

Maritime transport IMDG

IMDG class: -

Marine pollutant

No

Air transport ICAO-TI and IATA-DGR
ICAO/IATA class: -

15. REGULATORY INFORMATION

SARA Section 355 (extremely hazardous substances)
Substance is not listed

SARA Section 313 (specific toxic chemical listings)
Substance is not listed

TSCA (Toxic Substances Control Act)
Substance is not listed

Prop 65 – Chemicals known to cause cancer
Substance is not listed

Prop 65 – Chemicals known to cause reproductive toxicity
Substance is not listed.

Carcinogenicity categories:

EPA (Environmental Protection Agency)
Substance is not listed

IARC (International Agency for Research on Cancer)
Substance is not listed

NTP (National Toxicology Program)
Substance is not listed

Threshold Limit Value established by ACGIH)
Substance is not listed

NIOSH-Ca (National Institute for Occupational Safety and Health)
Substance is not listed

OSHA-Ca (Occupational Safety & Health Administration)
Substance is not listed

Markings according to EU guidelines:

Observe the general safety regulations when handling chemicals
The substance is not subject to classification according to EU lists and other sources of literature known to us.
The product is not subject to identification regulations under EU Directives and the Ordinance on Hazardous Materials (GefStoffV).

National regulations

Water hazard class
Generally not hazardous for water

16. OTHER INFORMATION

These data are based on our present knowledge. However, they shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.
