



Safety Data Sheet

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Product Description

Cheek Retractors, Safety Latch, Connecting Arm Insert, Flexible Connector

REF Numbers

Restrictions to use:

For use only by dental professionals.

Manufacturer : International Orthodontic Services
Address : 12811 Capricorn St. Stafford, TX 77477 USA
Phone No, : 1888-IOS-8882 (1888-461-8882)
Emergency Phone No, : +1 832 342 9487

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Hazards Identification

Potential Health Effects:

Primary Routes of Entry

- Inhalation
- Ingestion
- Skin Contact
- Eye Contact

Medical Conditions Aggravated by Exposure

- None.

Human Effects and Symptoms of Overexposure:

Skin

Solid may cause irritation due to mechanical action.

Ingestions

Solid may cause choking if swallowed. Oral toxicity is believed to be very low, consider physiologically inert.

Inhalation

Vapors are unlikely due to physical properties.

Eyes

Solid may cause irritation due to mechanical action.

General Effects of Exposure

None.

Carcinogenicity

No carcinogenic substances as defined by IARC, NTP and / or OSHA

Composition / Information On Ingredients

Hazardous Components

Acetal (Polybutylene, Terephthalate, Thermoplastic, Polyester

Nuisance / inert dust

Nuisance particulate

CAS #

30965-26-5

OSHA PEL - 15mg/cu m total 5mg/cu m respirable

ACGIH – 10 mg/cu m total 3mg/cu m respirable

First Aid Measures

Eye Contact

In case of contact, flush eyes with plenty of lukewarm water.

Skin Contact

Cool melted product on skin with plenty of water. Do not remove solidified product. Get medical attention if thermal burn occurs.

Inhalation

Move to fresh air in case of accidental inhalation of dust or fumes from overheating or combustion.

Ingestion

Get medical attention.

Fire Fighting Measures

Suitable Extinguishing Media

Water spray, Dry chemical, Carbon Dioxide (CO₂)

Special Fire Fighting Procedures

Wear positive-pressure, self-contained breathing apparatus and protective fire-fighting clothing.

Unusual Fire / Explosion Hazards

None.

Accidental Release Measure

Spill and Leak Procedures

Sweep up and discard.

Handling and Storage

Handling / Storage Precautions

None.

Further Info on Storage Conditions

The glass particles in this product are wetted by the polymer system. Residual glass (<1%) may be present and cause mechanical eye, skin, and respiratory irritation. Operations involving grinding, or machining, should be reviewed to assure that particulate levels are kept below recommended standards

Exposure Controls/Personal Protection

Ventilation Measures

Good general ventilation should be sufficient.

Respiratory Protection

None required.

Eye Protection

Safety glasses.

Additional Protective Measures

None.

Physical and Chemical Properties

Odor – Odorless

Flash Point - > 93 °C (> 200 °F) Tag closed cup.

Vapor Pressure – < 0.001 mm/Hg

Solubility in Water – < 0.001 GPL

Specific Gravity (H₂O – 1) – 1.3 to 1.65

Not applicable – Boiling Point, Melting Point, Vapor Density, Evaporation Rate.

Reactivity and Stability

Hazardous Reactions – Hazardous polymerization does not occur.

Stability – Stable

Materials to Avoid – Strong bases.

Conditions to Avoid – Temperatures over 550° F or 288 °C and prolonged exposure above 520 °F and 271 °C.

Hazardous Decomposition Products – Aldehydes, Ketones, Esters, Acids, Alcohol's, Butadiene, Tetrahydrofuran, Toluene, Benzoic Acid, Terephthalic Acid.

Hazardous Products of Combustion – Carbon Dioxide, Carbon Monoxide

Toxicological Information

Not applicable

Ecological Information

Not applicable

Disposal Considerations

Waste Disposal Method

Bury in landfill or burn in adequate incinerator in accordance with applicable federal, state, and local regulations.

Transport Information

Not applicable

Regulatory Information

Not applicable

Other Information

Not applicable