

139

3M General Offices

3M Center
St. Paul, MN 55144-1000
612 733 1110

00-20
166

MATERIAL SAFETY
DATA SHEET



DIVISION: DENTAL PRODUCTS
TRADE NAME:
3505L GLASS IONOMER LUTING CEMENT LIQUID.

3M ID NUMBER/U.P.C.: 70-2010-0435-8 +H-44412-36422-0 70-2010-1281-5 +H-44440-28020-0
70-2010-1293-0 +H-44440-29223-0

ISSUED: MARCH 1, 1995
SUPERSEDES: OCTOBER 10, 1994
DOCUMENT: 05-6730-5

1. INGREDIENT	C.A.S. NO.	PERCENT		
WATER	7732-18-5	30	-	35
POLYCARBOXYLIC ACID COPOLYMER	None	30	-	35
2-HYDROXYETHYL METHACRYLATE	868-77-9	25	-	30
TARTARIC ACID	87-69-4		<	1.0
2,6-DI-TERT-BUTYL-P-CRESOL	128-37-0		<	0.1

2. PHYSICAL DATA

BOILING POINT:	N/D
VAPOR PRESSURE:	N/D
VAPOR DENSITY:	N/D
EVAPORATION RATE:	N/D
SOLUBILITY IN WATER:	complete
SP. GRAVITY:	1.2 gm/ml
PERCENT VOLATILE:	N/A
VOLATILE ORGANICS:	N/A
VOC LESS H2O & EXEMPT SOLVENT	N/A
pH:	2.2-3.2
VISCOSITY:	175-225 centistokes
MELTING POINT:	N/A
APPEARANCE AND ODOR:	Liquid, CLEAR SLIGHTLY YELLOW LIQUID, SLIGHT SWEET ODOR.

3. FIRE AND EXPLOSION HAZARD DATA

FLASH POINT:	N/A
FLAMMABLE LIMITS - LEL:	N/A
FLAMMABLE LIMITS - UEL:	N/A
AUTOIGNITION TEMPERATURE:	N/A
EXTINGUISHING MEDIA:	Not applicable
SPECIAL FIRE FIGHTING PROCEDURES:	Not applicable
UNUSUAL FIRE AND EXPLOSION HAZARDS:	Not applicable.
NFPA-HAZARD-CODES:	HEALTH 1 FIRE 1 REACTIVITY 0
UNUSUAL REACTION HAZARD:	none
OSHA FIRE HAZARD CLASS:	Class IIIB Combustible Liquid

4. REACTIVITY DATA

STABILITY:	Stable
INCOMPATIBILITY - MATERIALS TO AVOID:	None known.

Abbreviations: N/D - Not Determined N/A - Not Applicable

SOUTH CENTRAL TECH COLL
DENTAL ASSISTING PROGRAM
1920 LEE BLVD
MANKATO, MN 56003

=== MSDS TRACKING INFORMATION ===
MID: 1058623 RELYX LUTING CEMENT PKG
PID: 7770580 CUST: 0186998-004
IMG: I:58623_6 PAGE: 6 of 8

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4. REACTIVITY DATA (continued)**HAZARDOUS POLYMERIZATION:** Will Not Occur**HAZARDOUS DECOMPOSITION PRODUCTS:**
None known.**5. ENVIRONMENTAL INFORMATION****SPILL RESPONSE:**

Cover with absorbent material. Collect spilled material. Clean up residue. Place in a U.S. DOT-approved container.

RECOMMENDED DISPOSAL:

Send to 3M Chemolite Plant, Building 47, or to 3M approved hazardous waste disposal facility for incineration. Send to 3M Chemolite Plant, Building 47, or to 3M-approved chemical waste disposal facility.

ENVIRONMENTAL DATA:

No data available.

REGULATORY INFORMATION:

Since regulations vary, consult applicable regulations or authorities before disposal. U.S. EPA Hazardous Waste Number = None (Not U.S. EPA Hazardous).

EPCRA HAZARD CLASS:**FIRE HAZARD:** No **PRESSURE:** No **REACTIVITY:** No **ACUTE:** Yes **CHRONIC:** No**6. SUGGESTED FIRST AID****EYE CONTACT:**

Immediately flush eyes with large amounts of water for at least 15 minutes. Get immediate medical attention.

SKIN CONTACT:

Flush skin with large amounts of water. If irritation persists, get medical attention.

INHALATION:

If signs/symptoms occur, remove person to fresh air. If signs/symptoms continue, call a physician.

IF SWALLOWED:

Drink two glasses of water. Call a physician.

7. PRECAUTIONARY INFORMATION**EYE PROTECTION:**

Avoid eye contact.

SKIN PROTECTION:

Avoid skin contact.

Abbreviations: N/D - Not Determined N/A - Not Applicable

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7. PRECAUTIONARY INFORMATION (continued)**VENTILATION PROTECTION:**
Not applicable.**RESPIRATORY PROTECTION:**
Avoid breathing of vapors.**PREVENTION OF ACCIDENTAL INGESTION:**
Do not ingest.**RECOMMENDED STORAGE:**
Store in a cool place. Store away from heat. Keep container dry.
Keep container in well-ventilated area.**FIRE AND EXPLOSION AVOIDANCE:**
Keep container tightly closed. Keep away from heat, sparks, open
flame, and other sources of ignition. Combustible liquid and vapor.
No smoking while handling this material.

INGREDIENTS	EXPOSURE LIMITS		TYPE	AUTH	SKIN*
	VALUE	UNIT			
WATER	NONE	NONE	NONE	NONE	NONE
POLYCARBOXYLIC ACID COPOLYMER	NONE	NONE	NONE	NONE	NONE
2-HYDROXYETHYL METHACRYLATE	NONE	NONE	NONE	NONE	NONE
TARTARIC ACID	NONE	NONE	NONE	NONE	NONE
2,6-DI-TERT-BUTYL-P-CRESOL	10	mg/m3	TWA	ACGIH	
2,6-DI-TERT-BUTYL-P-CRESOL	10	mg/m3	TWA	OSHA	

* SKIN NOTATION: Listed substances indicated with "Y" under SKIN refer to the potential contribution to the overall exposure by the cutaneous route including mucous membrane and eye, either by airborne or, more particularly, by direct contact with the substance. Vehicles can alter skin absorption.

SOURCE OF EXPOSURE LIMIT DATA:

- ACGIH: American Conference of Governmental Industrial Hygienists
- AIHA: American Industrial Hygiene Assoc. Workplace Environmental Exposure Level
- OSHA: Occupational Safety and Health Administration
- NONE: None Established

8. HEALTH HAZARD DATA**EYE CONTACT:**

Severe Eye Irritation: signs/symptoms can include redness, swelling, pain, tearing, cloudy appearance of the cornea, impaired vision and possible permanently impaired vision.

SKIN CONTACT:

Allergic Skin Reaction: signs/symptoms can include redness, swelling,

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