

REVISION DATE 15/01/2013

MATERIAL SAFETY DATA SHEET

SILICONE REMOVER

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

PRODUCT NAME	SILICONE REMOVER
PRODUCT USE	SILICONE REMOVER is an auxiliary agent used to remove the silicone-based materials from the acrylic resin. This product is classified as non medical device because of the limited application with outside of the patient's mouth even though it is used in a dental clinic or dental laboratory.
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2 HAZARDS IDENTIFICATION

POTENTIAL HEALTH EFFECTS

INHALATION

Irritating to respiratory system.

INGESTION

Slightly irritating. : DIGESTIVE SYSTEM.

SKIN CONTACT

Slightly irritating. Product has a defatting effect on skin. May cause sensitization by skin contact.

EYE CONTACT

Irritating and may cause redness and pain.

3 COMPOSITION/INFORMATION ON INGREDIENTS

Name	EC No.	CAS-No.	Content %
METHYL METHACRYLATE	201-297-1	80-62-6	80-100%

4 FIRST-AID MEASURES

GENERAL INFORMATION

Move the exposed person to fresh air at once. Get medical attention if any discomfort continues.

INHALATION

Move the exposed person to fresh air at once.

REVISION DATE 15/01/2013

SILICONE REMOVER

INGESTION

Immediately rinse mouth and drink plenty of water (200-300 ml). Get medical attention if any discomfort continues.

SKIN CONTACT

Wash the skin immediately with soap and water.

EYE CONTACT

Make sure to remove any contact lenses from the eyes before rinsing. Promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse for at least 15 minutes. Contact physician if irritation persists.

5 FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA

Fire can be extinguished using: Foam. Carbon dioxide or dry powder.

SPECIAL FIRE FIGHTING PROCEDURES

Avoid breathing fire vapors.

SPECIFIC HAZARDS

When heated and in case of fire, irritating vapours/gases may be formed.

PROTECTIVE MEASURES IN FIRE

Wear full protective clothing.

AUTO IGNITION TEMPERATURE 421°C
(°C)

FLAMMABILITY LIMIT - LOWER(%) 1.7

FLAMMABILITY LIMIT - UPPER(%) 12.5

FLASH POINT (°C) 14.5°C

6 ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS

Wear protective clothing as described in Section 8 of this material safety data sheet.

ENVIRONMENTAL PRECAUTIONS

Do not allow to enter drains, sewers or watercourses.

SPILL CLEAN UP METHODS

Extinguish all ignition sources. Avoid sparks, flames, heat and smoking. Ventilate. Absorb in vermiculite, dry sand or earth and place into containers. Do not contaminate water sources or sewer.

7 HANDLING AND STORAGE

HANDLING

All handling to take place in well-ventilated area.

STORAGE

Store in a cool, dark place (0-25°C, 32-77°F). Keep away from heat, direct sunlight, sparks and open flames.

STORAGE CLASS

Flammable liquid storage.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

COMPONENT	STD	TWA (8-hrs)		STEL (15 min)		Notes
METHYL METHACRYLATE	PEL	100 ppm	410 mg/m3			
METHYL METHACRYLATE	ACGIH	50 ppm		100 ppm		A4, Sen
COMPONENT						IDLH
METHYL METHACRYLATE						1000 ppm

ACGIH=American Conference of Governmental Industrial Hygienists.

A4: Not Classifiable as a Human Carcinogen.

SEN: Sensitizer.

PROTECTIVE EQUIPMENT

REVISION DATE 15/01/2013

SILICONE REMOVER**ENGINEERING MEASURES**

Provide adequate general and local exhaust ventilation.

HAND PROTECTION

Wear protective gloves.

EYE PROTECTION

Wear approved safety goggles.

OTHER PROTECTION

Wear appropriate clothing to prevent any possibility of skin contact.

HYGIENE MEASURES

DO NOT SMOKE IN WORK AREA! Wash at the end of each work shift and before eating, smoking and using the toilet. Wash promptly with soap & water if skin becomes contaminated. Promptly remove any clothing that becomes contaminated. Use appropriate skin cream to prevent drying of skin. When using do not eat, drink or smoke.

9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	Clear liquid
COLOR	Colorless
ODOR	Characteristic
BOILING POINT (°C)	100°C
FLASH POINT (°C)	14.5°C

10 STABILITY AND REACTIVITY**STABILITY**

HIGHLY FLAMMABLE!

CONDITIONS TO AVOID

Keep away from heat, sparks and open flame. Protect against direct sunlight.

MATERIALS TO AVOID

Strong oxidizing agents.

HAZARDOUS DECOMPOSITION PRODUCTS

Toxic gases are generated when heated.

11 TOXICOLOGICAL INFORMATION**TOXICOLOGICAL INFORMATION**

No data on possible toxic effects have been found.

12 ECOLOGICAL INFORMATION**ECOTOXICITY**

No data on possible environmental effects have been found.

13 DISPOSAL CONSIDERATIONS**DISPOSAL METHODS**

Dispose of waste and residues in accordance with local authority requirements.

14 TRANSPORT INFORMATION

REVISION DATE 15/01/2013

SILICONE REMOVER

DOT PROPER SHIPPING NAME	METHYL METHACRYLATE MONOMER, STABILIZED
TDG SHIPPING NAME	METHYL METHACRYLATE MONOMER, STABILIZED
IDENTIFICATION No.	1247
TUNNEL RESTRICTION CODE	(D/E)
CEPIC TEC(R) NO.	30GF1-I+II-9
DOT HAZARD CLASS	3
DOT PACKING GROUP	II
U.S DOT HAZARD LABEL	Flammable Liquid
UN NO. SEA	1247
IMDG CLASS	3
IMDG PACK GR.	II
EMS	F-E, S-D
UN NO. AIR	1247
ICAO CLASS	3
AIR PACK GR.	II
TDG CLASS	3
TDG LABEL(S)	3
TDG PACKING GROUP	II

15 REGULATORY INFORMATION

INVENTORIES

COMPONENT	CAN	US	EU	AUS	JAP	KOR	CHN	PHLP
METHYL METHACRYLATE	No.	No.	EINECS	No.	No.	No.	No.	No.

COMPONENT	TSCA 12(b) Export Notification
METHYL METHACRYLATE	No.

US FEDERAL REGULATIONS

COMPONENT	SARA 302-TPQ	CERCLA-RQ	SARA 313
METHYL METHACRYLATE	Not Listed	1 000 lbs	1.0 %

CLEAN AIR ACT

COMPONENT	CAA Accidental Release Prevention
METHYL METHACRYLATE	Not Listed

US STATE REGULATIONS

COMPONENT	CAS	CA	FL	MA	MN	NJ	PA	RI
METHYL METHACRYLATE	80-62-6	Not Listed	Yes.	Yes.	Yes.	Yes.	Yes.	Yes.

REGULATORY REFERENCES

29 CFR 1910. 1200(g) Federal Regulations (OSHA Standard).

16 OTHER INFORMATION

REVISION DATE

15/01/2013

REVISION DATE 15/01/2013

SILICONE REMOVER

DISCLAIMER

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