



Factor II, Incorporated

The Art, Science and Technology of
Silicones and Prosthetics...

Safety Data Sheet

Product Code: A-530

Revision Date: 02/12/2018

SECTION 1: IDENTIFICATION

PRODUCT IDENTIFIER

Product Name Silicone to Silicone Mold Release

Product Code A-530

Intended Use(s) : For professional use only

CONTACT INFORMATION FOR SUPPLIER OF SAFETY DATA SHEET

Factor II, Incorporated
5642 White Mountain Ave
PO Box 1339
Lakeside AZ 85929
928-537-8387
www.factor2.com
sales@factor2.com

EMERGENCY TELEPHONE NUMBERS

928- 368-7502

SECTION 2: HAZARD IDENTIFICATION

Risk identification

Extremely flammable, harmful, dangerous for the environment.

Special risks for human beings and environment

Extremely flammable. Container under pressure. Avoid temperatures of more than 50 °C. Do not pierce or burn, even after use. Irritating of skin. Harmful. Toxic to aquatic organisms.

Classification

Classification corresponds to actual EC guidelines, however completed with details from technical literature and company data.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Chemical characterization

Solution of paraffins in hexane

Description



Factor II, Incorporated

The Art, Science and Technology of
Silicones and Prosthetics...

Safety Data Sheet

Product Code: A-530

Revision Date: 02/12/2018

Hazardous components

CAS-Nr.:	Name	R-classification
[110-54-3]	n-hexane	Xn, F, N R=11-38-48/20-62-51/53-65-67
[75-28-5]	isobutane	F+, R12
[74-98-6]	propane	F+, R12

SECTION 4: FIRST AID MEASURES

General information

Seek medical advice, if symptoms occur, which can be caused by the product.

After skin contact Wash with plenty of water and soap and rinse thoroughly.

After inhalation Remove from area and provide fresh air.

After eye contact Rinse with plenty of water and consult an ophthalmologist.

After swallowing

Rinse out mouth and then drink plenty of water. Seek medical advice immediately.

SECTION 5: FIRE FIGHTING MEASURES

Extinguishing media CO₂, powder, sand. Do not use water.

Protective equipment Wear a self-contained breathing apparatus

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal precautions

Do not inhale vapors. Ensure supply of fresh air in enclosed rooms. Keep away from ignition sources.

Environmental precautions Do not allow to enter drains.

Methods for cleaning up Wipe out with absorbent materials. Forward of disposal.

SECTION 7: HANDLING AND STORAGE

Handling

The product should only be supplied or handled to dentists or dental technicians or upon their instructions.



Factor II, Incorporated

The Art, Science and Technology of
Silicones and Prosthetics...

Safety Data Sheet

Product Code: A-530

Revision Date: 02/12/2018

Handling Precautions

Ensure good ventilation/exhaustion at the workplace. Do not inhale substance. Keep containers tightly sealed. Keep away from heat and direct sunlight.

Recommendation for fire and explosion protection

Keep away from heat and ignition sources, do not smoke. Do not spray on flames or red-hot objects. Beware: Container is pressurized. Keep away from direct sun exposure and temperatures over 50°C. Do not open by force or throw into fire even after use.

Storage Store at a cool place (15-25°C; 60-80°F).

Additional storage conditions

Heat will increase pressure and may lead to the container exploding. Protect from heat and direct sunlight.

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

Additional information for technical plants

Use under exhausting conditions, away from heat and ignition sources

Components with limits of values to be supervised at the workplace:

CAS-Nr.	Name	Art	Value/Unit
110-54-3	n-Hexane	MAK	50 ml/m ³ , 180mg/m ³
75-28-5	Isobutane	MAK	1000 ml/m ³ , 2400mg/m ³
74-98-6	Propane	MAK	1000 ml/m ³ , 1800mg/m ³

Additional information

Personal protective equipment Work clothing

General measures of protection and hygiene

Normal hygienic measures. Do not inhale gases / fumes / aerosols.

Respiration Not necessary if room is well ventilated.

Hands **Protective gloves (nitrile rubber)**

Eyes Eye protection required

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES (Based on typical material)

Form: liquid

Color: colorless

Odor: characteristic



Factor II, Incorporated

The Art, Science and Technology of
Silicones and Prosthetics...

Safety Data Sheet

Product Code: A-530

Revision Date: 02/12/2018

	Value	Unit	Method
Information on change in the physical state melting point/melting range	n/a		
Boiling point/boiling range	Not applicable, as aerosol		
Flash point	ca. - 40 °C		
Auto ignition temperature	Product is not self-igniting.		
Danger of explosion	Product is not explosive. However, formation of explosive air/vapor mixtures is possible		
Critical values for exposure lower	1,2 Vol%, upper 10, 9 Vol%		
Density	0.60 (20 °C)	g/cm ³	
Vapor pressure	n.a.		
Viscosity	n.a.		
Ph	neutral		
Solubility in/miscibility with Water	miscible with most organic solvents; Alcohols insoluble		
Content of solvents			
Organic solvents	n-hexane		
Water	none		
Content of solids	none		

SECTION 10: STABILITY AND REACTIVITY DATA

Conditions to be avoided Protect from heat and direct sunlight.

Dangerous reactions

Forms explosive gas mixture with air. Danger of containers bursting because of high vapor pressure.

Hazardous decomposition products none

SECTION 11: TOXICOLOGICAL INFORMATION

Acute toxicity LD50 (oral, rat): 28710 mg/kg (n-hexane)

Primary irritation

Skin Irritating for skin and mucous membrane

Eye Slight irritations possible

Sensitization of product No sensitizing effect known.

Additional toxicological information

During the long period of use as separator in a dental technician laboratory no health diseases are reported.



SECTION 12: ECOLOGICAL INFORMATION

General information

Do not rinse it in the groundwater

Classification of water endangerment

The product contains materials that are harmful for the environment. Toxic for aquatic organisms.

SECTION 13: DISPOSAL CONSIDERATIONS

Product

Recommendation Use proper landfill disposal or incineration in accordance with local, state and federal regulations.

Disposal key number 14 06 03 other solvents and solvent mixtures.

Uncleaned packaging Packaging that cannot be cleaned is to be disposed of in the same manner as the product.

SECTION 14: TRANSPORT INFORMATION

Land transport ADR/RID (Germany) UN 1950
AEROSOLS, flammable, 2.1

Sea transport IMDG Inland waterway ADN, ADNR not tested
UN 1950
AEROSOLS, flammable, 2.1

Air transport ICAO-TI/IATA-DGR UN 1950
AEROSOLS, flammable, 2.1

The transport regulations are cited according to international regulations and in the form applicable in Germany. Possible national deviations in other countries are not considered.

SECTION 15: REGULATORY INVORMATION

Classification according to EC-guidelines

F+	Extremely flammable
Xn	Harmful
N	Dangerous for the environment
R 12-38-48/20-62-51/53	Extremely flammable. Irritating to skin. Harmful: danger of serious damage to health by prolonged exposure through inhalation. Possible risk of impaired fertility. Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.



Factor II, Incorporated

The Art, Science and Technology of
Silicones and Prosthetics...

Safety Data Sheet

Product Code: A-530

Revision Date: 02/12/2018

S 9-16-23-36/37-51

Keep container in a well-ventilated place. Keep away from sources of ignition - no smoking. Do not breathe aerosol. Wear suitable protective clothing and gloves. Use only in well-ventilated areas.

SECTION 16: OTHER INFORMATION

DISCLAIMER / STATEMENT OF LIABILITY:

This is a computer-generated document that is valid without a signature.

The information above is supplied in good faith and, to the best of our knowledge, is based on available sources believed to be reliable and accurate. This document and any information provided herein are for your guidance only. The use by the requestor is beyond Factor II control; therefore, the responsibility for appropriate and safe use of the above information lies with the End user. Factor II shall not be responsible for any misuse and/or misapplication of the information in this document.