

**Safety Data Sheet**

according to Regulation (EC) No 1907/2006

Isofix 2000 1720-0000 / 1720-2000

Print date: 25.06.2013

Product code: 1720-x000

Page 1 of 7

SECTION 1: Identification of the substance/mixture and of the company/undertaking**1.1. Product identifier**

Isofix 2000 1720-0000 / 1720-2000

1.2. Relevant identified uses of the substance or mixture and uses advised against**Use of the substance/mixture**

Isolation Spray plaster against plaster.

1.3. Details of the supplier of the safety data sheet

Company name:	Renfert GmbH	
Street:	Untere Giesswiesen 2	
Place:	D-78247 Hilzingen	
Telephone:	+49 7731 8208-0	Telefax: +49 7731 8208-70
e-mail:	info@renfert.com	
Contact person:	Frau Andris	Telephone: +49 7731 8208-927
Internet:	www.renfert.com	

1.4. Emergency telephone number: Vergiftungs-Zentrale Freiburg
+49 761 19 240

SECTION 2: Hazards identification**2.1. Classification of the substance or mixture**

R phrases:
Flammable.
Vapours may cause drowsiness and dizziness.

2.2. Label elements**R phrases**

10 Flammable.
67 Vapours may cause drowsiness and dizziness.

S phrases

07 Keep container tightly closed.
16 Keep away from sources of ignition - No smoking.
23 Do not breathe Do not breathe vapour or spray. .
26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
51 Use only in well-ventilated areas.
24/25 Avoid contact with skin and eyes.

SECTION 3: Composition/information on ingredients**3.2. Mixtures****Chemical characterization**

Isolation agent

Safety Data Sheet

according to Regulation (EC) No 1907/2006

Isofix 2000 1720-0000 / 1720-2000

Print date: 25.06.2013

Product code: 1720-x000

Page 2 of 7

Hazardous components

EC No	Chemical name	Quantity
CAS No	Classification	
Index No	GHS classification	
REACH No		
200-661-7	propan-2-ol; isopropyl alcohol; isopropanol	
67-63-0	F - Highly flammable, Xi - Irritant R11-36-67	15 - 20 %
603-117-00-0	Flam. Liq. 2, Eye Irrit. 2, STOT SE 3; H225 H319 H336	

Full text of R and H phrases: see Section 16.

SECTION 4: First aid measures

4.1. Description of first aid measures

General information

Change contaminated clothing.

After inhalation

Provide fresh air.

After contact with skin

After contact with skin, wash immediately with plenty of water and soap. In case of skin irritation, seek medical treatment.

After contact with eyes

In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

After ingestion

Rinse mouth immediately and drink large quantities of water. Do not induce vomiting. Medical treatment necessary.

4.2. Most important symptoms and effects, both acute and delayed

Following symptoms can occur: Vapours may cause drowsiness and dizziness. Has de-greasing effect on the skin. Process vapours can irritate airways, skin and eyes.

4.3. Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Extinguishing materials should be selected according to the surrounding area.
Extinguishing powder. Carbon dioxide (CO₂). alcohol resistant foam. Water spray.

5.2. Special hazards arising from the substance or mixture

Thermal decomposition can lead to the escape of irritating gases and vapours.

5.3. Advice for firefighters

In case of fire and/or explosion do not breathe fumes.
In case of fire: Wear self-contained breathing apparatus.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Provide adequate ventilation.
Wear personal protection equipment.
Remove all sources of ignition.

Safety Data Sheet

according to Regulation (EC) No 1907/2006

Isofix 2000 1720-0000 / 1720-2000

Print date: 25.06.2013

Product code: 1720-x000

Page 3 of 7

6.2. Environmental precautions

Do not empty into drains or the aquatic environment.

6.3. Methods and material for containment and cleaning up

Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents).

Collect in closed containers for disposal.

6.4. Reference to other sections

See protective measures under point 7 and 8.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advice on safe handling

Use only in well-ventilated areas.

Avoid contact with skin and eyes.

Advice on protection against fire and explosion

Vapours may form explosive mixtures with air. Keep away from sources of ignition - No smoking.

Further information on handling

In case of open handling, use devices with built-in suction where possible.

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Keep container tightly closed in a cool, well-ventilated place.

Advice on storage compatibility

Materials to avoid: Oxidizing agents.

Further information on storage conditions

Protect against: heat. UV-radiation/sunlight.

Recommended storage temperature: +10°C - +30°C

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Exposure limits (EH40)

CAS No	Substance	ppm	mg/m ³	fibres/ml	Category	Origin
67-63-0	Propan-2-ol	400	999		TWA (8 h)	WEL
		500	1250		STEL (15 min)	WEL

8.2. Exposure controls

Occupational exposure controls

refer to chapter 7. No further action is necessary.

Protective and hygiene measures

Do not breathe vapour.

Avoid contact with skin, eye and clothing.

Wash hands before breaks and at the end of work.

Respiratory protection

Respiratory protection required in case of: insufficient ventilation.

Hand protection

When handling chemical substances, chemical protective gloves must be worn with CE label including a four digit code. Tested protective gloves are to be worn: Suitable material: FKM (fluororubber). Butyl rubber. NBR (Nitrile rubber).

In the cases of special applications, it is recommended to check the chemical resistance with the manufacturer of the gloves.

Safety Data Sheet

according to Regulation (EC) No 1907/2006

Isofix 2000 1720-0000 / 1720-2000

Print date: 25.06.2013

Product code: 1720-x000

Page 4 of 7

Eye protection

Tightly sealed safety glasses.

Environmental exposure controls

Do not empty into drains or the aquatic environment.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state: liquid
Colour: light yellow
Odour: characteristic

Test method

pH-Value (at 20 °C): 9 DIN 19268

Changes in the physical state

Boiling point: 79 °C
Flash point: 22 °C DIN EN ISO 2719

Explosive properties

In use, may form flammable/explosive vapour-air mixture.

Lower explosion limits: 2,0 * vol. %
Upper explosion limits: 12,0 * vol. %
Ignition temperature: > 425 °C DIN 51794
Vapour pressure: < 41 * hPa
(at 20 °C)
Vapour pressure: < 225 * hPa
(at 50 °C)
Density (at 20 °C): 0,92 - 0,98 g/cm³
Water solubility: highly soluble.
Viscosity / kinematic: < 7 mm²/s 3 EN ISO 2431
(at 23 °C)
Flow time: < 30 s (3mm) 3 DIN EN ISO 2431
(at 23 °C)

9.2. Other information

* Data apply to the technical substance.

SECTION 10: Stability and reactivity

10.1. Reactivity

Vapours may form explosive mixtures with air.

10.2. Chemical stability

See chapter 7. No further action is necessary.

10.3. Possibility of hazardous reactions

Vapours may form explosive mixtures with air.

10.4. Conditions to avoid

Keep away from heat/sparks/open flames/hot surfaces. - No smoking.

10.5. Incompatible materials

Reacts with : Oxidizing agents.

10.6. Hazardous decomposition products

Thermal decomposition can lead to the escape of irritating gases and vapours.

Safety Data Sheet

according to Regulation (EC) No 1907/2006

Isofix 2000 1720-0000 / 1720-2000

Print date: 25.06.2013

Product code: 1720-x000

Page 5 of 7

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity

CAS No	Chemical name				
	Exposure routes	Method	Dose	Species	Source
67-63-0	propan-2-ol; isopropyl alcohol; isopropanol				
	oral	LD50	5280 mg/kg	Ratte	
	dermal	LD50 mg/kg	12800	Kaninchen	
	inhalative (8 h) vapour	LC50	47,5 mg/l	Ratte	

Irritation and corrosivity

Irritant effect on the skin: Not an irritant.

Irritant effect on the eye: irritant.

Sensitising effects

no danger of sensitization.

Empirical data on effects on humans

Vapours may cause drowsiness and dizziness.

Has de-greasing effect on the skin.

Further information

product has not been tested. The statement is derived from the properties of the components.

SECTION 12: Ecological information

12.1. Toxicity

CAS No	Chemical name					
	Aquatic toxicity	Method	Dose	h	Species	Source
67-63-0	propan-2-ol; isopropyl alcohol; isopropanol					
	Acute fish toxicity	LC50	9640 mg/l	96	Pimephales promelas	
	Acute algae toxicity	ErC50	> 1000 mg/l	72	Grünalge	
	Acute crustacea toxicity	EC50	13299 mg/l	48	Daphnia magna	

12.2. Persistence and degradability

There are no data available on the mixture itself.

12.3. Bioaccumulative potential

not applicable

12.4. Mobility in soil

There are no data available on the mixture itself.

12.5. Results of PBT and vPvB assessment

There are no data available on the mixture itself.

Further information

product has not been tested. The statement is derived from the properties of the components. Do not allow uncontrolled leakage of product into the environment.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Safety Data Sheet

according to Regulation (EC) No 1907/2006

Isofix 2000 1720-0000 / 1720-2000

Print date: 25.06.2013

Product code: 1720-x000

Page 6 of 7

Advice on disposal

Carry out a burning of hazardous waste according to official regulations.

Waste disposal number of waste from residues/unused products

070704 WASTES FROM ORGANIC CHEMICAL PROCESSES; wastes from the MFSU of fine chemicals and chemical products not otherwise specified; other organic solvents, washing liquids and mother liquors
Classified as hazardous waste.

Contaminated packaging

Handle contaminated packaging in the same way as the substance itself.

SECTION 14: Transport information**Land transport (ADR/RID)**

14.1. UN number: 1219
14.2. UN proper shipping name: ISOPROPANOL (ISOPROPYLALCOHOL)
14.3. Transport hazard class(es): 3
14.4. Packing group: II

Marine transport (IMDG)

14.1. UN number: 1219
14.2. UN proper shipping name: ISOPROPANOL (ISOPROPYLALCOHOL)
14.3. Transport hazard class(es): 3
14.4. Packing group: II
Marine pollutant: no

Air transport (ICAO)

14.1. UN number: 1219
14.2. UN proper shipping name: ISOPROPANOL
14.3. Transport hazard class(es): 3
14.4. Packing group: II

SECTION 15: Regulatory information**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture****EU regulatory information**

1999/13/EC (VOC): 20 % (190 g/l)

National regulatory information

Water contaminating class (D): 1 - slightly water contaminating

Additional information

M 017 Lösemittel (BGI 621)

M 053 Allgemeine Arbeitsschutzmaßnahmen für den Umgang mit Gefahrstoffen

SECTION 16: Other information**Full text of R phrases referred to under Sections 2 and 3**

10 Flammable.
11 Highly flammable.
36 Irritating to eyes.
67 Vapours may cause drowsiness and dizziness.

Full text of H statements referred to under Sections 2 and 3

H225 Highly flammable liquid and vapour.

**Safety Data Sheet**

according to Regulation (EC) No 1907/2006

Isofix 2000 1720-0000 / 1720-2000

Print date: 25.06.2013

Product code: 1720-x000

Page 7 of 7

H319

Causes serious eye irritation.

H336

May cause drowsiness or dizziness.

Further Information

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material. Reserved for industrial and professional use.

(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)