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## SAFETY DATA SHEET

International Standard

ISO 11014-1

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### 1. PRODUCT AND COMPANY IDENTIFICATION

**Product name :** IF 710 Peelable Soldermask (Interflux® 710 PSM)

**Manufacturer :** Interflux® Electronics NV

Eddastraat 51

BE - 9042 Gent

**Tel. Nr. :** ++32-9-251.49.59

**Fax nr. :** ++32-9-251.49.70

Collect call for emergency : ++1-703-527-3887 (Chemtrec)

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### 2. COMPOSITION AND INFORMATION ON INGREDIENTS

The peelable soldermask is a preparation.

#### Chemical nature

#### Components contributing to the hazard :

<u>Materials</u>	<u>CAS N°</u>	<u>% Range</u>
1. Natural latex rubber	/	30 - 45%
2. Calcium carbonate	/	15 - 25%
3. Inert non-hazardous ingredients	/	25 - 30%

All other information is strict confidential and will only be given on request of a doctor or a medical department who is obligated to a total confidentiality.

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### 3. HAZARDS IDENTIFICATION

**Hazard designation :** None.

**Specific hazards for humans and environment :** None.

#### Physical and chemical hazard :

- Instability : Stable if well stored.
  - Decomposition : Carbon monoxide and carbon dioxide from burning. Avoid overheating.
  - Polymerisation : When storage conditions are not respected, polymerisation can occur.
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### 4. FIRST-AID MEASURES

**Inhalation :** If overcome by exposure, remove victim to fresh air immediately, give oxygen or artificial respiration, if not breathing. Obtain emergency medical attention.

**Skin contact :** Remove contaminated clothing and wash the affected area with soap and water.

**Eye contact :** Flush with copious amounts of water for 15 minutes retracting the eye lid several times, call physician.

**Ingestion :** Not known route of entry.

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## 5. FIRE-FIGHTING MEASURES

- Suitable extinguishing media** : Waterspray foams for alcohol, dry chemicals or CO<sub>2</sub>.  
**Protection of fire-fighters** : A SCBA mask is recommended when entering the fire area.  
**Fire & explosion hazards** : Not known fire or explosion hazard.  
**Special protective equipment for a fire** : Wear a respiratory mask. Stay upwind. Use water for cooling. Heat may build pressure and rupture in closed containers. Do not direct a solid stream of water or foam on hot burning pools. This may cause frothing and increase fire intensity.
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## 6. ACCIDENTAL RELEASE MEASURES

- Personal precautions** : Wear rubber gloves and protective clothing.  
**Environmental precautions** : Do not allow spill to spread to sewer or ground.  
**Methods for cleaning up** : Equip responders with proper protection. For small spills, absorb liquids with an inert material such as sand, soil or vermiculite, collect contaminated spilled material and place in a dot waste container or allow material to cure completely, remove cured product and make sure the product is properly disposed.
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## 7. HANDLING AND STORAGE

- Handling**  
**Technical measures** : Must be handled like ordinary chemicals.  
**Precautions for safe handling** : Use good personal hygiene practice, wash hands before eating, drinking, smoking or using toilet facilities.
- Storage**  
**Technical measures** : IF 710 PSM has a shelf life of minimum 1 year when stored in original containers at ambient temperatures (>5 °C and <32°C). Empty containers contain residue of product. Dispose of container in compliance with Local, State and Federal Regulations.  
**Storage class** : 12  
**VbF-class** : None.
- Storage conditions** : Please refer to the above section "Technical Measures".  
**Incompatibility of the product** : Not applicable.  
**Safe packaging materials** : Recommended by manufacturer.



## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

**Engineering measures** : Refer to section 7.

**Control parameters** : Not available

### Personal protective equipment

**Special instructions for protection and hygiene** : Safety showers and eyewash stations should be available. Employees must be trained in the safe use and handling of hazardous chemicals. Use good personal hygiene practices. Wash hands before eating, drinking, smoking or using toilet facilities.

**Respiratory protection** : Not applicable.

**Hand protection** : Protective gloves, preferable in rubber.

**Eye protection** : Use safety glasses to prevent materials from splashing into the eye.

**Skin and body protection** : Practice good personal hygiene. This product is normally not considered as a skin hazard. If working in an area where skin may be affected, wear impermeable gloves and clothing.

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Physical state** : Liquid  
**Colour** : Off white to pink  
**Odour** : Latex (slight ammoniacal odour)

**pH** : 8  
**Flash Point (T.O.C)** : Not applicable  
**Melting point** : 149 °C (dry film decomposes)  
**Specific gravity** : 1,091 kg/l  
**Solubility in water** **liquid** : infinitely dispersable  
**dry film** : insoluble  
**Viscosity** : 35 000 – 45 000 cps  
**Vapour pressure** : 1 mm Hg  
**Solid content (approximately)** : 60%

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## 10. STABILITY AND REACTIVITY

**Stability** : Stable  
**Hazardous reactions** : Not applicable.  
**Polymerisation** : When storage conditions are not respected, polymerisation can occur.  
**Hazardous decomposition products** : Carbon monoxide and carbon dioxide from burning. Avoid overheating.





## 15. REGULATORY INFORMATION

### Information on the warning label

**R - phrases :** None.

**S - phrases :** None.

### Other Legal Regulations

**Substances that affect the ozone layer :** Substances that affect the ozone layer are not present in this preparation and are not used for its production.

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## 16. OTHER INFORMATION

Product information in other European languages can be obtained at *Interflux® Electronics NV, 9042 Gent*. Because we cannot anticipate or control the many different conditions under which this information and our products may be used, we do not guarantee the applicability or the accuracy of this information or the suitability of our products in any given situation. Users of our products should make their own tests to determine the suitability of each such product for their particular purposes. The products discussed are sold without such warranty, either expressed or implied.

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