

**1 Identification of the substance/preparation and of the company/undertaking**

- **Product details**
- **Trade name:** DAI-EL G-801
- **Article number:** 801
- **Application of the substance / the preparation** Rubber compounding
- **Manufacturer/Supplier:**  
DAIKIN INDUSTRIES, LTD.CHEMICAL DIVISION:  
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**2 Hazards identification**

- **GHS label elements** Void

**3 Composition/information on ingredients**

- **Chemical characterization:**
- **CAS No. Description**  
9011-17-0 1-Propene, 1,1,2,3,3,3-hexafluoro-, polymer with 1,1-fluoroethene

**4 First-aid measures**

- **General information:** Seek immediate medical advice.
- **After inhalation:** Supply fresh air; consult doctor in case of complaints.
- **After skin contact:**  
After contact with the molten product, cool rapidly with cold water.  
Immediately wash with water and soap and rinse thoroughly.
- **After eye contact:** Rinse opened eye for several minutes under running water.
- **After swallowing:** If symptoms persist consult doctor.

**5 Fire-fighting measures**

- **Suitable extinguishing agents:**  
CO<sub>2</sub>, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
- **For safety reasons unsuitable extinguishing agents:** none
- **Special hazards caused by the substance, its products of combustion or resulting gases:**  
Formation of toxic gases is possible during heating or in case of fire.
- **Protective equipment:** Wear fully protective suit.

**6 Accidental release measures**

- **Person-related safety precautions:** Not required.
- **Measures for environmental protection:** Do not allow to enter sewers/ surface or ground water.
- **Measures for cleaning/collecting:** Pick up mechanically.
- **Additional information:** No dangerous substances are released.

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## 7 Handling and storage

- **Handling:**
- **Information for safe handling:**  
Extractors are required on all machines used for thermal processing or splinter removal processes.
- **Information about fire - and explosion protection:** No special measures required.
- **Storage:**
- **Requirements to be met by storerooms and receptacles:** No special requirements.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:** Protect from contamination.

## 8 Exposure controls/personal protection

- **Additional information about design of technical facilities:** No further data; see item 7.
- **Ingredients with limit values that require monitoring at the workplace:** Not required.
- **Personal protective equipment:**
- **General protective and hygienic measures:**  
Wash hands before breaks and at the end of work.  
Avoid contact with the eyes and skin.  
Keep away from tobacco products.
- **Respiratory protection:**  
For conditions where exist a potential for significant exposure to fumes and/or toxic vapours use a full-face-mask with the acid and organic vapor cartridges.
- **Protection of hands:**



Protective gloves

- **Material of gloves:** Synthetic rubber gloves
- **Eye protection:**



Tightly sealed goggles

- **Body protection:** Protective work clothing

## 9 Physical and chemical properties

### · General Information

<b>Form:</b>	Solid material
<b>Colour:</b>	Whitish
<b>Odour:</b>	Odourless

### · Change in condition

**Melting point/Melting range:** Undetermined.  
**Boiling point/Boiling range:** Undetermined.

**Flash point:** Not applicable.

**Flammability (solid, gaseous):** Product is not flammable.

**Decomposition temperature:** >330°C (1%TG)

**Danger of explosion:** Product does not present an explosion hazard.

**Density:** 1,8-2,1 g/cm<sup>3</sup> (RT)

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- **Solubility in / Miscibility with water:** Insoluble.

## **10 Stability and reactivity**

- **Thermal decomposition / conditions to be avoided:**  
To avoid thermal decomposition do not overheat.  
Even at the temperatures reached during the normal hot processing of fluoropolymers fume will be generated, that will present a potential health hazard.
- **Dangerous reactions:** No dangerous reactions known.
- **Dangerous decomposition products:** Danger of toxic fluorine based pyrolysis products.

## **11 Toxicological information**

- **Acute toxicity:** no data

## **12 Ecological information**

- **Information about elimination (persistence and degradability):**
- **Other information:** The product is insoluble in water and the biodegradation and ecotoxicity is expected to be low.

## **13 Disposal considerations**

- **Product:**
- **Recommendation:** Disposal must be made according to official regulations.
- **Uncleaned packaging:**
- **Recommendation:** Disposal must be made according to official regulations.

## **14 Transport information**

- **UN "Model Regulation":** -

## **15 Regulatory information**

- **Safety phrases:**
  - 15 Keep away from heat.
  - 21 When using do not smoke.

## **16 Other information**

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

- **Department issuing MSDS:** Toxicology and Product Regulatory
- **Contact:** <http://www.daikin.com/>
- **Abbreviations and acronyms:**
  - GHS: Globally Harmonized System of Classification and Labelling of Chemicals
  - CAS: Chemical Abstracts Service (division of the American Chemical Society)