

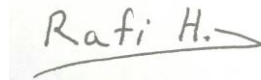


Israel Electric Corp. Ltd.
Generation & Energy Group
Generation, Engineering and Maintenance Division
Chief Chemist Department



Specification No. 4105	Technical Specification for Chemicals and similar materials
Version: 01	
First Version: 05/05/2024	
Valid since: 05/05/2024	
Page 1 of 5	Category: Sealants

Non-Hardening Sealant

	Name	Date	Signature
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1. **Purchaser:** Israeli Electric Corporation (IEC)

2. **Scope:**

This specification describes the requirements of non-hardening sealants used in IEC for sealing flexible assemblies where a fluids resistance is required.

3. **IEC Catalog No.**

Catalog No.	Description
522649	Non hardening sealant, Package : 80-100 gr tube
459040	Non hardening sealant, Package :300-350 gr tube

4. **Physical and Chemical Requirements**

The proposed product shall comply with the physical and chemical properties mentioned in table 1 and table 2 (see Appendix No. 1).

5. **Packaging and Marking**

5.1 The product shall be supplied according to the package sizes mentioned in paragraph 3.

5.2 The product shall be delivered in new and original manufacturer's package.

5.3 The package shall comply with packaging and labeling requirements of Israeli Standard No. 2302. The package shall be made of a resistant material. Details on the package shall be provided by the bidder on presenting the proposal for IEC's approval.

5.4 The label on the package shall include the following details:

- Product Name
- Manufacturer's Name
- Part Number
- Material description and concentration
- Net weight (g) of package
- Distinctive lot or batch number
- Date of manufacture
- Date of expiration
- Safety Marking

5.5 Marking shall be accomplished by stenciling or other similar process and shall be waterproof.

6. Quality Assurance

6.1 The manufacturer shall have a certificate attesting compliance with the requirements of the international standard ISO 9001 valid for the scope of supply required in IEC specification.

6.2 The quality of the product is under the responsibility of the supplier.

7. Tender Documentation

The Supplier / Manufacturer shall submit with its offer to the tender the following documents in their latest version:

7.1 The bidder shall provide a certificate attesting compliance of the Manufacturer with the requirements of the international standard ISO 9001 valid for the scope of supply required in IEC specification. The date of validity of the certificate and the edition of ISO 9001 standard shall be valid on the last date set for submission of proposals in the tender.

7.2 Manufacturer's Technical specification (TDS), containing at least, the data required in IEC Specification.

7.3 Manufacturer's Declaration – Tables 1 and 2 (Appendix No. 1) filled and signed by the bidder or the quality assurance manager of the manufacturer.

7.4 Manufacturer's Safety Data Sheet (SDS)

7.5 Manufacturer's Part Number (P/N)

8. Delivery Documentation

Each delivery shall be accompanied by the following documents, in their latest version:

8.1 Manufacturer's Safety Data Sheet (SDS) for the proposed product

9. References

- Israeli Standard 2302 part 1 – Dangerous substances and preparations : Classification, packaging, labeling and marking

- Israeli Standard 2302 part 2 – Dangerous Substances and preparations - Transportation : Classification, packaging, labeling and marking

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Appendix No. 1: Declaration of the manufacturer

Table No. 1: Declaration Concerning Technical Requirements of Delivery

Requirement	Yes/No
Chemical Type : contains Modified resin, fillers & alcohol	
Viscous paste with characteristic Alcoholic odor	
The product retains effective properties in contact with water ethylene glycol, gasoline, motor oil, transmission fluid and sea water.	
IEC Cat. No.522649 Package 80-100 gr tube	
IEC Cat. No.459040 Package 300-350 gr tube	

Table No. 2: Technical requirements of proposed product

Property	Limit	Manufacturer's Data
Specific Gravity	1.4 -1.6	
Temperature Resistance. °C	-54 to 204	
full cure time (hours)	Max. 24	
Shelf life, at the time of delivery [Months]	Min. 9	

Name of Manufacturer: _____

Signature of the Bidder or Quality Assurance Manager of the Manufacturer: _____

Date: _____