No. 2023-442

CERTIFICATE

This is to certify that

Shin-Etsu Silicone Korea Co.,Ltd.

411 Seocho-daero, Seocho-gu, Seoul, 15th floor

is acknowledged by the Environmental Product Declaration for

SEALANT-90N(Cartridge type 300ml)

in accordance to 'Environmental Technology and Industry Support Act' and is granted the right to use the Korea Environmental Product Declaration Label for

2023.08.28. ~ 2026.08.27.

ADP : 6.51E-03 kg Sb-eq./EA
AP : 1.85E-03 kg SO_2 -eq./EA
GWP : 9.57E-01 kg CO_2 -eq./EA
EP : 3.27E-04 kg PO_4^{3}-eq./EA
ODP : 7.04E-05 kg CFC-11-eq./EA
POCP : 4.43E-04 kg C_2H_4 -eq./EA
WF : 2.81E-02 m^3 H_2O-eq./EA

최흥진

Heung Jin Choi, President

KOREA ENVIRONMENTAL INDUSTRY & TECHNOLOGY INSTITUTE

Agreement on Certification of Environmental Product Declaration

Korea Environmental Industry and Technology Institute (hereinafter referred to as the Institute) and **Parties certified for Environmental Product Declaration (hereinafter referred to as Certified Parties) shall comply with provisions set forth in each of following articles.**

Environmental Product Declaration(EPD) scheme by the Ministry of Environment based on ISO 14025(Environmental labels and declarations-Type Ⅲ environmental declaration-Principles and procedures). EPD is to calculate the environmental effect of the life cycle of a product including raw materials input, production, transportation, distribution, use, and disposal and label it on the product. EPD scheme consists of the total 7 categories such as carbon footprint(impacts on climate change), water footprint(impacts on water quality and water resources), resource footprint(impacts on waste generation and resource circulation), ozone layer depletion(impacts on air quality), acidification(impacts on environment), eutrophication(impacts on water quality and water resource) and photochemical smog(impacts on air quality) and Carbon Footprint is classified into Carbon Footprint(Phase Ⅰ) and Low-Carbon Product Certification.(Phase Ⅱ)
EPD in Korea has an equivalent effect with EPD of Sweden, EPD of Germen, EPD of Norway, EPD of USA, Eco-leaf of Japan and EPD of Taiwan.

Article 1 (Purpose) The purpose of this Agreement is to specify basic rights and obligations of the Institute and Certified Parties in relation to EPD certification.
Article 2 (Scope of Application) This Agreement shall be applied to details of certification listed in the respective certificate.
Article 3 (Terms of Compliance) Certified Parties shall comply with each of following items.
① Certified Parties shall comply with the certification system and related laws at all times.
② Certified Parties shall manufacture products in compliance with certification standards.
③ Certified Parties shall maintain manufacturing and selling records of certified products.
④ Certified Parties shall attach EPD label by clearly marking environmental records and application standards on the label.
⑤ Certified Parties shall cooperate with regular and irregular follow-up verifications conducted directly by the Institute in relation to the certification system operation.
⑥ Certified Parties shall notify the following changes to the Institute without delay.
1. Change of the representative, change of the company name, transfer or change of the manufacturing plant, bankruptcy, transfer, acquisition or merger of the certified organizations or production suspension and business shutdown
2. Changes of production processes, facilities, techniques or raw and subsidiary materials
⑦ In the event certification is terminated or cancelled, Certified Parties shall suspend the use of all advertising materials that are related to acquisition of the certification.
Article 4 (Right to EPD Usage and Note for Usage) Certified Parties hold the right to use EPD label design during certification period of the respective certified product. For the use of EPD label design, the following shall be observed.
① EPD label design shall be used as specified in Annex 6 of the Regulations on the Operational Procedure of EPD (hereinafter referred to as the "Notification") and shall be complied with in Article 40 (EPD label marking and design) on Operational Regulations of EPD (hereinafter referred to as the 'Operational Regulations')
② With regard to Paragraph 1, when marking EPD label design or making advertisements using their EPD as certified companies, the Certified Parties can use the markings or advertisements in certified products and manuals or packaging, containers, promotional materials or various forms associated with the products. However, in any of following cases, attention shall be paid to not misleading consumers into recognizing uncertified items as certified products.
Article 5 (Confidentiality) Certified Parties and the Institute shall not disclose each other's information obtained in the course of operational procedures to a third party. This obligation is valid even after the certification is terminated. However, legitimately generalized information or information obtained irrelevant of operational procedures are not subject to this clause.
Article 6 (Limitation of Certification) Certification granted by the Institute to Certified Parties is applied to products listed in the respective certificate of the Certified Parties and is not to approve or certify all products manufactured by the Certified Parties.
Article 7 (Submission of Certified Products) When requested by the Institute in relation to EPD label markings following a certification, the Certified Parties shall submit the certified products that are marked with EPD labels. However, in the event it is difficult to submit a sample of product by reason of characteristics and price of the product, it can be replaced with submission of a product manual where EPD label is marked.
Article 8 (Change of the Relevant Guidelines) In the event certification guidelines or low-carbon guidelines for a product have been changed (revision or establishment as a new items), the changes shall be notified to the Certified Parties by the Institute
Article 9 (Renewal) In the event the Certified Parties wish to extend EPD period, the parties shall apply for a certification renewal 90 days before termination of the certification.
Article 10 (Changed Certification) In the event details of the certification have been changed, the Certified Parties shall apply for change or reissue of certification to the Institute within 30 days from the time reasons for the change occurred. Responsibilities for all disadvantages caused by failure of applying for the certification change or reissue within 30 days from the time reasons for the change occurred shall be assumed by the respective Certified Parties.
Article 11 (Demand for Correction and Certification Cancellation) ① In the event Certified Parties fall under any one of following items, the Institute can demand correction to the Certified Parties.
1. In the event EPD is used differently from specifications in the certificate
2. In the event EPD label design is used differently from specifications in the Annex Table 6
3. In the event matters for compliance set forth in the Article 3 are not fulfilled
4. In the event consumers' substantiated claims for indemnification with respect to Article 13 are not responded to
5. In the event exaggerated advertisement (including those for distributors, such as sales agencies and commissioned agents) may lead to clouding consumers' judgment
② In the event the Certified Parties fall under any of following subparagraphs, the Institute can cancel certification for the Certified Parties.
1. In the event certification has been obtained by unlawful means
2. In the event EPD label is marked on materials or products that are different from the specifications in the certification or products are marked with details different from the EPD certificate and distributed
3. In the event products certified with EPD are not distributed for one year or longer without the reasons of natural disasters or other unavoidable circumstances
③ If dispositions are stipulated separately in the relevant laws or announcements, the respective dispositions shall be followed.
Article 12 (Relevant Operations) ① In the event certification period of a certified product expires or the certification is cancelled, the Certified Parties shall not make any markings or use advertisements that can mislead consumers into considering that the products are certified with EPD.
② In the event damages are inflicted on the Institute or consumers by reason of noncompliance with Paragraph 1 above, the Certified Parties shall assume the necessary civil and criminal responsibilities, such as for indemnification by law.
Article 13 (Responsibility for Indemnification) All responsibilities for conflicts occurring in between consumers and the Institute in relation to certified products shall be assumed by the Certified Parties.
Article 14 (Prohibition of Transfer of Right) The Certified Parties are prohibited of transferring or reselling their right to use EPD set forth in the certificate to a third person or of using the right by proxy.
Article 15 (Mediation for Conflict of Interest) Matters not set forth in this Agreement shall be handled through consultation and operational regulations between the Institute and the Certified Parties: Provided That, when there are different opinions, the opinion of the Institute shall be respected.