



N9000

NON-STAINING SILICONE SEALANT FOR STONES AND PANELS

TECHNICAL DATA



TYPICAL PROPERTIES

Appearance	: Silicone
Specific Gravity	: 1.27 ± 0.02
Tensile Strength	: 10 - 20 kgf/cm ²
Minimum Joint Dimensions	: 5 mm. X 20 mm.
Application temperature	: +5°C to +40°C
Tack-free time	: Less than 15min
Cure time	: 5 - 7 days
Shore A hardness	: 30~40
Elongation rate DIN53455	: 400 - 500%
Movement Allowance	: $\pm 35\%$
Flash point	: 300°C
Resistance to dilute acids and bases	: Average
UV resistance	: Good
It certified by standard test	: ASTM C1248
Packaging	: 500 ml. ssg

N9000 Non-staining Silicone Sealant

- Non-toxic, high quality, one-part joint sealant based on neutral dispersion.
- Excellent sealing for construction material.
- Outstanding resistance to UV and weather conditions.
- Non-pollution for construction material.
- Neutral curing type.
- No smelling.



Black



Mid Grey



White

APPLICATIONS

- Sealing and jointing glass, aluminum, composite panel, concrete, metals and concrete.
- Suitable for marble and granite.
- Jointing of aluminum curtain wall.

RESTRICTIONS ON USE

Do not apply below 0°C or while raining.

The paint should not be applied on the sealant.

SHELF LIFE

12 months if stored between +5°C to +25°C

SURFACE PREPARATION

The surface must be clean, dry, free of dust, dirt, rust and oil.

JOINT DIMENSIONS

Joint width should be min. 5 mm. max. 20 mm. Joint depth should be min. 5 mm. Joint depth should be half of the joint width.
(recommended)

FIRST AID MEASURES

Inhalation : If inhaled, move victim to fresh air and seek medical attention.

Skin contact : Wash off with soap and plenty of water. Get medical attention if symptoms occur.

Eye contact : In case of contact, immediately flush eyes with plenty of water for at least 15 minutes and get medical attention if irritation persists.

Ingestion : Get medical attention immediately. Do not induce vomiting as the substance contains volatile chemicals. Vomiting may increase risk.

COLORS

Available in 3 Colors : Black, Mid Grey, White (Matte finish)

PACKAGING

500 ml./Sausage

20 Sausages/Box

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1. Product Name and Description

Nuriseal Neutral Silicone Sealant N9000

Non-toxic, high quality, one-part joint sealant based on neutral dispersion.

2. Features

- Excellent sealing for construction material.
- Outstanding resistance to UV and weather conditions.
- Non-pollution for construction material.
- Neutral curing type.
- No smelling.

3. Applications

- Sealing and jointing stone as marble, granite, etc..
- Suitable for aluminum composite panel.
- Jointing of aluminum curtain wall.

4. Technical Data

Specific gravity	1.27±0.02
Application temperature [°C]	+5 to +40
Temperature resistance [°C]	-10 to +80
Tack free time [min]	Less than 15min
Cure time. [day]	5 - 7
Tensile strength [kgf/cm2]	10 - 20
Hardness shore A	30 ~ 40
Elongation [%]	400
Movement allowance [%]	±35



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โทร. 0-2125-7812, 0-2077-4156 แฟกซ์ 0-2121-7497

Line: @mrga www.mrga.co.th e-mail : mrgaco.thailand@gmail.com

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5. Restrictions on use

Do not apply below 0°C or while raining.

The paint should not be applied on the sealant.

6. Shelf life

12 months if stored between + 5 ot + 25°C.

7. Surface preparation

The surface must be clean, dry, free of dust, dirt, rust and oil.

8. Joint dimensions

Joint width should be min. 5 mm. max. 20 mm. Joint depth should be min. 5 mm.

Joint depth should be half of the joint width. (recommended)

9. Colors

Black, Mid Grey, White

Others on request.

10. Packaging

500 ml/sausage, 20 piece/carton box.

11. Application

Apply with caulking guns for the cartridge types.

12. Cleaning

Use soapy water after application.

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TEST REPORT

1. NO : CT17-079696

2. Client

○ Name : tremco illbruck co., Ltd

○ Address : 9, Bongjae-gil 63beon-gil, Dunpo-myeon, Asan-si, Chungcheongnam-do, 336-873 Rep. of Korea

3. Date of Test : 2017.07.07 ~ 2017.09.05

4. Use of Report :

5. Test Sample : Silicone Sealant N9000(F-25HM)

6. Test Method

(1) KS F 4910:2010

(2) KS F 2621:2000

Reissuance(R1)

Date : 2017.09.05

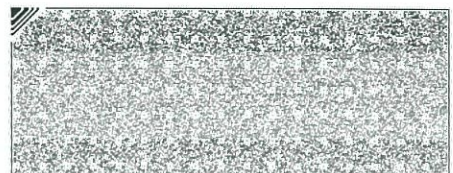
Affirmation	Tested By Name : Lee, SangKook <i>LSK</i>	Technical Manager Name : Shin, DongKi <i>Shin, DongKi</i>
Our report apply only to the standards or procedures identified and to the sample(s) tested unless otherwise specified. The test results are not indicative of representative of the qualities of the lot from which the sample was taken or of apparently identical or similar products.		

2017.09.05

Korea Conformity Laboratories President Kyung Sik Kim *KyungSik Kim*

Address : 34027 252-7, Techno 2-ro, Yuseong-Gu, Daejeon, Korea 82-42-934-1894

Result Inquiry : Advanced Materials Reliability Center 82-2-3415-8750



TEST REPORT

No : CT17-079696

7. Test Results

1) Silicone Sealant N9000(F-25HM)

Test Item(s)	Unit	Test Method	Test Results	Remark
Resistance to flow (5±2) °C-horizontal	mm	(1)	0	Temperature : (5±2) °C
Resistance to flow (5±2) °C-vertical	mm	(1)	0	Temperature : (5±2) °C
Resistance to flow (50±2) °C-horizontal	mm	(1)	0	Temperature: (50±2) °C
Resistance to flow (50±2) °C-vertical	mm	(1)	0	Temperature: (50±2) °C
Elastic recovery	%	(1)	94	Temperature : (23±2) °C, Humidity : (50±5) % R.H.
Tensile properties-elongation of the sealant joint width	%	(1)	200	Temperature : (23±2) °C, Humidity : (50±5) % R.H.
Tensile properties-secant tensile modulus (23±2) °C	N/mm ²	(1)	0.5	Temperature : (23±2) °C, Humidity : (50±5) % R.H.
Tensile properties-secant tensile modulus (-20±2) °C	N/mm ²	(1)	0.7	Temperature: (-20±2) °C
Tensile properties at maintained extension (23±2) °C	-	(1)	No failure	Temperature : (23±2) °C, Humidity : (50±5) % R.H.
Tensile properties at maintained extension (-20±2) °C	-	(1)	No failure	Temperature: (-20±2) °C
Adhesion/cohesion properties at variable temperatures	-	(1)	No failure	Temperature: (-20±2) °C, (70±2) °C
Adhesion/cohesion properties at maintained extension after water immersion	-	(1)	No failure	Temperature : (23±2) °C
Change in weight	%	(2)	3.4	Temperature : (23±2) °C, Humidity : (50±5) % R.H.
Loss of volume-change in volume	%	(1)	4.7	Temperature : (23±2) °C, Humidity : (50±5) % R.H.

----- End of Report -----





TEST REPORT

1. NO : CT21-037644E

2. Client

○ Name : NURICHEM CO.,LTD.

○ Address : 1001 DGV, 257 GYEONGSU-DAERO, UIWANG-SI, GYEONGGI-DO, REP. OF KOREA(ZIP CODE:16074)

3. Date of Test : 2021.03.24 ~ 2021.06.18

4. Use of Report : Quality Control

5. Test Sample : NON-STAINING SILICONE SEALANT N9000

6. Test Method

(1) ASTM C1248 - 18

7. Test Results

1) NON-STAINING SILICONE SEALANT N9000

Test Item(s)	Unit	Test Method	Test Results	Remark	Loc.
Staining-Standard condition[14 day, 23 ℃]	mm	(1)	0	(23 ± 2) ℃ (50 ± 5) % R.H.	A
Staining-Standard condition[28 day, 23 ℃]	mm	(1)	0		
Staining-Oven treatment[14 day, 70 ℃]	mm	(1)	0		
Staining-Oven treatment[28 day, 70 ℃]	mm	(1)	0		
Staining-UV treatment[14 day]	mm	(1)	0		
Staining-UV treatment[28 day]	mm	(1)	0		

※ Mortar Substrate.

※ Location

A : 73, Yangcheong 3-gil, Ochang-eup, Cheongwon-Gu, Cheongju-Si, Chungbuk, Korea

—— End of Report ——

Affirmation	Tested By		Technical Manager	
	Name : HONG SUNG ROG		Name : Shin, Hong Chul	

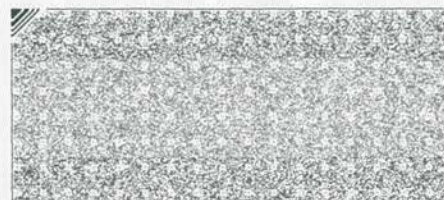
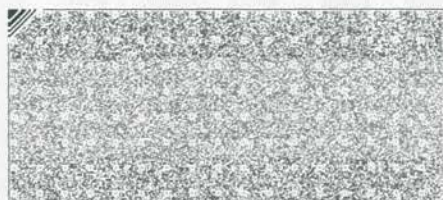
This report is not accredited by KOLAS.

Our report apply only to the standards or procedures identified and to the sample(s) tested unless otherwise specified. The test results are not indicative of representative of the qualities of the lot from which the sample was taken or of apparently identical or similar products. The results of using only a portion of this report cannot be guaranteed. The authenticity of this test report can be checked on KCL website(www.kcl.re.kr).

2021.06.18

Korea Conformity Laboratories President Yoon, Kap Seok *Yoon, Kap Seok*

Result Inquiry : 73, Yangcheong 3-gil, Ochang-eup, Cheongwon-Gu, Cheongju-Si, Chungbuk, Korea (82-43-210-8948)





TEST REPORT

1. NO : CT21-037645E
2. Client
 - Name : NURICHEM CO.,LTD.
 - Address : 1001 DGV, 257 GYEONGSU-DAERO, UIWANG-SI, GYEONGGI-DO, REP. OF KOREA(ZIP CODE:16074)
3. Date of Test : 2021.03.24 ~ 2021.06.18
4. Use of Report : Quality Control
5. Test Sample : NON-STAINING SILICONE SEALANT N9000
6. Test Method
 - (1) ASTM C1248 - 18

7. Test Results

1) NON-STAINING SILICONE SEALANT N9000

Test Item(s)	Unit	Test Method	Test Results	Remark	Loc.
Stainning-Standard condition[14 day, 23 °C]	mm	(1)	0	(23 ± 2) °C (50 ± 5) % R.H.	A
Stainning-Standard condition[28 day, 23 °C]	mm	(1)	0		
Stainning-Oven treatment[14 day, 70 °C]	mm	(1)	0		
Stainning-Oven treatment[28 day, 70 °C]	mm	(1)	0		
Stainning-UV treatment[14 day]	mm	(1)	0		
Stainning-UV treatment[28 day]	mm	(1)	0		

※ marble Substrate.

※ Location

A : 73, Yangcheong 3-gil, Ochang-eup, Cheongwon-Gu, Cheongju-Si, Chungbuk, Korea

— End of Report —

Affirmation	Tested By		Technical Manager	
	Name : HONG SUNG ROG		Name : Shin, Hong Chul	

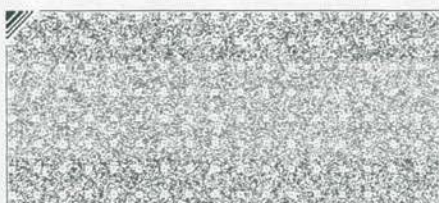
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2021.06.18

Korea Conformity Laboratories President Yoon, Kap Seok *Yoon, Kap Seok*

Result Inquiry : 73, Yangcheong 3-gil, Ochang-eup, Cheongwon-Gu, Cheongju-Si, Chungbuk, Korea (82-43-210-8948)



Dec 29, 2020

Letter of Guarantee

We, Nurichem Co., Ltd., hereby confirm that N9000 is non-staining silicone sealant which can be used in the substrates such as ACP, stone, Mortar, and Marble etc.

NURICHEM CO., LTD.

#1001 Daeyong Golden Valley, 209-2, Gocheon-dong,

Uiwang-si, Gyeonggi-do, Korea

President Young Jin Park



(Authorized Seal & Signature)

Material Safety Data Sheet

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1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Trade Name : SILICONE SEALANT N9000
Company Name : NURICHEM CO., LTD.
Street Address : 80 Bongjae-ri Dunpo-myon Asan-si Chungnam , Korea
Telephone : 82-31-450-6633
Telefax : 82-31-450-6630

2. COMPOSITION/INFORMATION ON INGREDIENTS

Pure / Mixture : Mixture
Chemical Name : SILICONE COMPOUND
Chemical Components

Components	Formula	CAS Number	Conc. %
Polydimethylsiloxanediol	$\text{OH}[(\text{CH}_3)_2\text{SiO}]_n\text{Si}(\text{CH}_3)_2(\text{OH})$	70131-67-8	30-50
Polydimethylsiloxane	$\text{CH}_3[(\text{CH}_3)_2\text{SiO}]_n\text{Si}(\text{CH}_3)_3$	63148-62-9	1-10
Silica		112945-52-5	3 - 5
Calcium Carbonate		1317-65-3	35-45
Methyl oxime silane		22984-54-9	1-10

3. HAZARDS IDENTIFICATION

Risk advice to man and the environment :

Toxicological hazard : May cause throat inflammation, bronchitis, pneumonia, and pulmonary edema
Physical/Chemical hazard : Combustible Flammability
Particular hazard : No information available
Name of classification : Not applied

4. FIRST AID MEASURES

Inhalation : If inhaled, move victim to fresh air and seek medical attention.
Skin contact : Wash off with soap and plenty of water. Get medical attention if symptoms occur.
Eye contact : In case of contact, immediately flush eyes with plenty of water for at least 15 minutes and get medical attention if irritation persists.
Ingestion : Get medical attention immediately. Do not induce vomiting as the substance contains volatile chemicals. Vomiting may increase risk.

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5. FIRE-FIGHTING MEASURES

Suitable extinguishing : foam powder, carbon dioxide media
Special fire fighting : Cool containers/tanks with water spray. Remove sources of
procedures combustibles. Extinguish the fire using fire-fighting media listed
above. The fire fighting should be done from the windward side,
with suitable respiratory protective device, if necessary.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions : Use personal protective equipment. Keep people away from the
area. Work from the windward side.
Environmental precautions : Do not flush into surface water or sanitary sewer system.
Methods of cleaning up : Put in an empty container for recovery after preventing spill by
sand or sandbags, if the amount of spill is large. Put in an empty
container for recovery after wiping or soaking up in an inert material,
if the amount of spill is small.
Prevention measure of : Remove all sources of ignition.
second accident

7. HANDLING AND STORAGE

Handling

Technical measures : Wear eye, hand and respiratory protection when in handling.
Ground equipment due expected sensitivity to static discharge.
Advice in safe : Avoid any source of ignition due to flammability.
handling Use immediately after seal is opened.
Be careful that moisture vapor don't mix in this product, because
this is cured by hydrolysis with moisture in the air.
This product release Methyl Ethyl Ketoxime during curing.
Use in a well ventilated area to avoid breathing vapor.

Storage

Storage requirement : Store in a dark, cool place indoors, with containers tightly closed.
Safety packing material : No information available.

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8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Facility / Engineering measures : Well ventilated area Eyewash stations

Standard Control : Not established.

Limit(SCL) / Permissible

Exposure Limit(PEL)

Personal protective equipment

Respiratory protection : Gas mask for organic gas

Hand protection : Rubber or plastic gloves

Eye protection : Safety glasses with side-shields

Skin and body protection : Rubber boots and protection.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance

Form : paste

Colour: Light Grey, White, Black, etc.

Odour: Sweetish solvent-like smell

PH: No data available

Phase transition

Boiling point/range : Not applied

Melting point/range : Not applied

Flash point : 300°C.

Ignition temperature : No data available

Vapor pressure : Not applied

Density : 1.27±0.02 g/cm³ at 23°C.

Solubility/qualitative : Insoluble in water

Solubility in other solvents : No data available

10. STABILITY AND REACTIVITY

Stability : Stable under recommended storage conditions.

Reactivity : The catalysis of strong acids or bases cause polymerization or

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Hazards decomposition: Reacts with water/moisture liberating Methylethylketoxime (MEKO), or 2-Butanone-oxime.

11. TOXICOLOGICAL INFORMATION

Acute toxicity

Acute oral toxicity : no data available

Acute inhalation toxicity : no data available

Acute dermal toxicity : no data available

Typical effect

Skin irritation : no data available

Eye irritation : no data available

Sensitization : no data available

Carcinogenicity : no data available

Mutagenicity : no data available

Toxicity to reproduction : no data available

Further information : no data available

12. ECOLOGICAL INFORMATION

Chemical fate : no data available

Persistence/ : no data available

Degradability

Bioaccumulation : no data available

Ecotoxicity effects : no data available

13. DISPOSAL CONSIDERATIONS

Incineration should be made in approved chemical incinerator in accordance with regulations.

Or, bury after cured 15 cm pieces are made. Silica particulates are formed on incineration.

14. TRANSPORT INFORMATION

International regulation : Non DG under air and ship transport

15. REGULATORY INFORMATION

International regulation : no data available

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16. OTHER INFORMATION

Precaution

This material is developed and manufactured for building and construction applications only. For medical or other special applications, use after performing safety testing on the product and conforming safety. Never use for human applications such as implant, Impregnation, and possible residue-remaining in the body.

Other precaution

The information herein is made based on references, information and data available at present. It may be revised when new information is available. The description herein are for normal handling. For special applications, make safety provisions suitable to them prior to use.

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Line: @mrga www.mrga.co.th e-mail : mrgaco.thailand@gmail.com

No. 2022-644

CERTIFICATE



This is to certify that

Nurichem Co., Ltd.

257 Gyeongsu-daero, Uiwang-si, Gyeonggi-do

is acknowledged by the Environmental Product Declaration for

N9000[SSG(colored), 500ml]

in accordance to 'Environmental Technology and Industry Support

Act' and is granted the right to use the Korea Environmental

Product Declaration Label for

2022.10.31. ~ 2025.10.30.

ADP : 1.14E-02 kg Sb-eq./EA

GWP : 1.56E+00 kg CO₂-eq./EA

ODP : 4.11E-04 kg CFC-11-eq./EA

WF : 3.12E-02 m³ H₂O-eq./EA

AP : 6.11E-03 kg SO₂-eq./EA

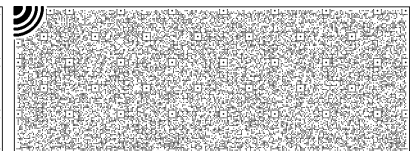
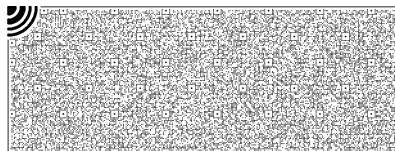
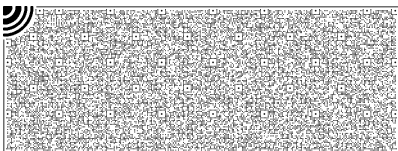
EP : 1.81E-03 kg PO₄³⁻-eq./EA

POCP : 1.65E-03 kg C₂H₄-eq./EA

유 제 철

Je Chul Yoo, 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 Germany, 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 item), 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.



No. of Receipt : 1642-2

Test Report for Healthy Building Material

Company Name : NURICHEM CO., Ltd.

Date of Manufacturing : 2014-12-16

Presidents. : Young Jin Park

Date of Sampling : 2014-12-17

Address. : 1001 Daeyoung Golden Valley, 257,
Gyeongsu-daero, Uiwang-si,
Gyeonggi-do, Republic of Korea

Completion Date of Test : 2015-01-21

Product Name : N9000

Product Group. : Sealants

Testing Institute : Korea Conformity Laboratories

Use of Report : To certify Healthy Building Material

Test Result

Test items	Category	Result	Method
Pollutant Release Test (mg/m ² ·h)	TVOC	0.551	Small Chamber (Quality Certification Standard by Korea Air Cleaning Association)
	5 VOCs / Toluene	0.000 (Tr.) / 0.000	
	HCHO	0.003 (Tr.)	
	CH ₃ CHO	0.001 (Tr.)	

Note) 1. Trace : Less than TVOC 0.02(mg/m²·h), HCHO 0.005(mg/m²·h),

CH₃CHO 0.005(mg/m²·h), 5VOCs 0.002(mg/m²·h)

2. 5 VOCs : Sum of Benzene, Toluene, Ethylbenzene, Xylene, Styrene

We hereby certify that this test report is for the above product.

2015-01-29



한국 공기 청정 협회
KOREA AIR CLEANING ASSOCIATION

