

Micro911
Micro119



MICRO119 PATCH

MICRO119 PASTA



*Innovative technology of microencapsulation of
fire-extinguishing substance*

Sales & Marketing: INPROS Co., LTD
Manufacturing: Energy Apex Co., Ltd

PASTA MICRO119

FIRE-PREVENTING PAINT



- "Just add the Pasta MIRO119 to the enamel according to the instruction
- to get innovative fire-preventing paint



We protect PEOPLE — We protect COMPANIES

PASTA MICRO119: INSTALLATION AND OPERATION GUIDE

RECOMMENDATIONS ON APPLICATION OF PASTE “FOG”

- Paint to Wood , Metal, Plastic surface pint
- Before use remove dust
- Paint thickness 0.3-3 mm.
- Drying time is 48hours



PREPARATION OF PASTA FOG:

Don't use with making fire chemical material

We protect PEOPLE — We protect COMPANIES

PASTA : APPLICATION

Protection of installed cables



Protection of cable channels



We protect PEOPLE — We protect COMPANIES

PASTA : APPLICATION

Protection of electrical equipment



Protection of vehicles



We protect PEOPLE — We protect COMPANIES

PASTA : APPLICATION

Protection of electrical equipment ((Power distributor)



We protect PEOPLE — We protect COMPANIES

PASTA : APPLICATION

Protection of electrical equipment (Power box)



We protect PEOPLE — We protect COMPANIES

PASTA : APPLICATION

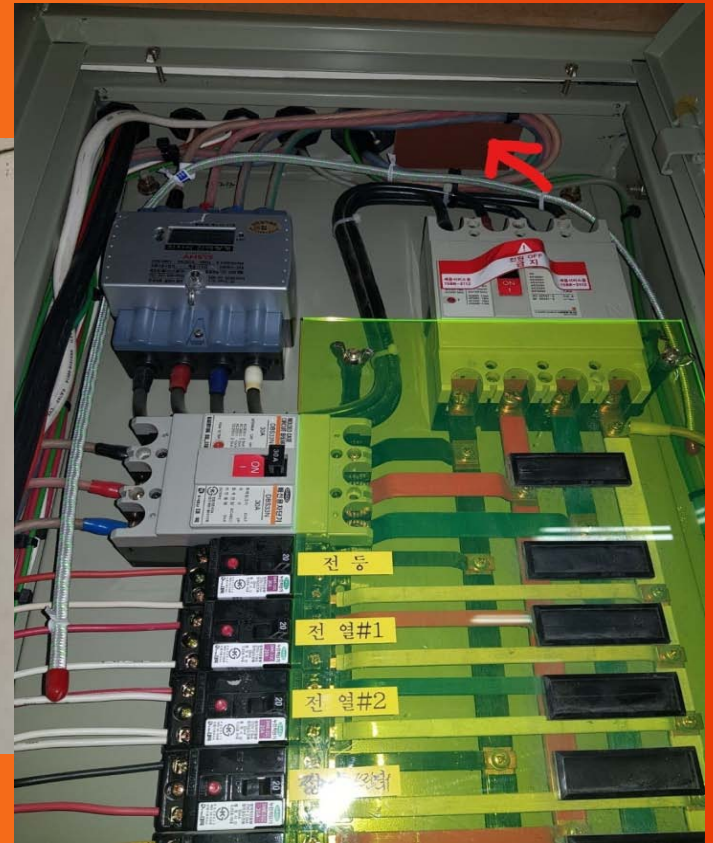
Protection of electrical equipment (Power distributor)



We protect PEOPLE — We protect COMPANIES

PASTA : APPLICATION

Protection of electrical equipment (Power distributor)



We protect PEOPLE — We protect COMPANIES

PASTA : APPLICATION

Protection of electrical equipment (Out side power box)



We protect PEOPLE — We protect COMPANIES

PASTA : APPLICATION

Protection of electrical equipment (Power Box)



We protect PEOPLE — We protect COMPANIES

PASTA : APPLICATION

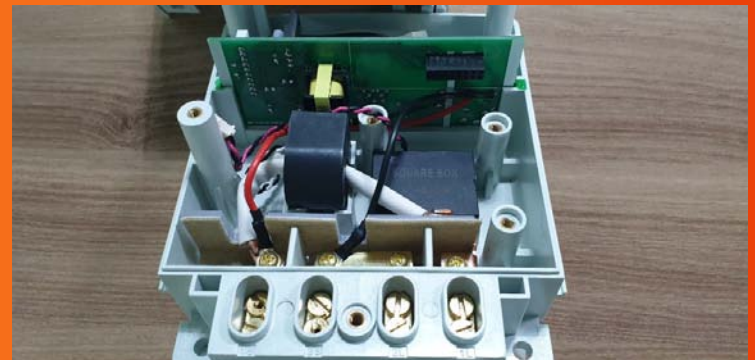
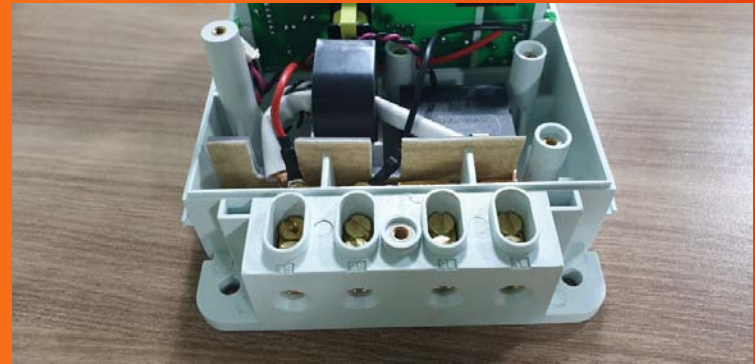
Protection of electrical equipment (Multi Plug)



We protect PEOPLE — We protect COMPANIES

PASTA : APPLICATION

Protection of electrical equipment (Power Meter)



We protect PEOPLE — We protect COMPANIES

PASTA : APPLICATION

Protection of warehouses



Protection of oil tanks



We protect PEOPLE — We protect COMPANIES

PASTA : APPLICATION

Protection of railway tanks



Protection of trucks tanks



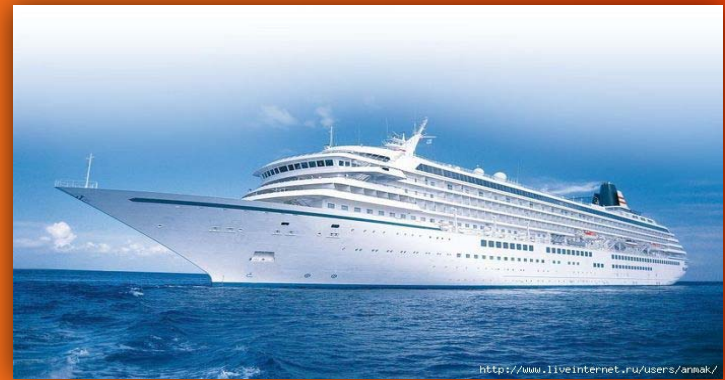
We protect PEOPLE — We protect COMPANIES

PASTA : APPLICATION

Protection of military techniques



Protection of sea and river boats



We protect PEOPLE — We protect COMPANIES

PASTA : APPLICATION

Protection of production equipment



Protection of aircraft



We protect PEOPLE — We protect COMPANIES

**BUSINESS PLAN
FOR FOG PRODUCTS**

APPLICATION

Stickers



Paint



Fire resisted pasta



We protect PEOPLE — We protect COMPANIES

**BUSINESS PLAN
FOR FOG PRODUCTS**

APPLICATION

Fire resisted covering



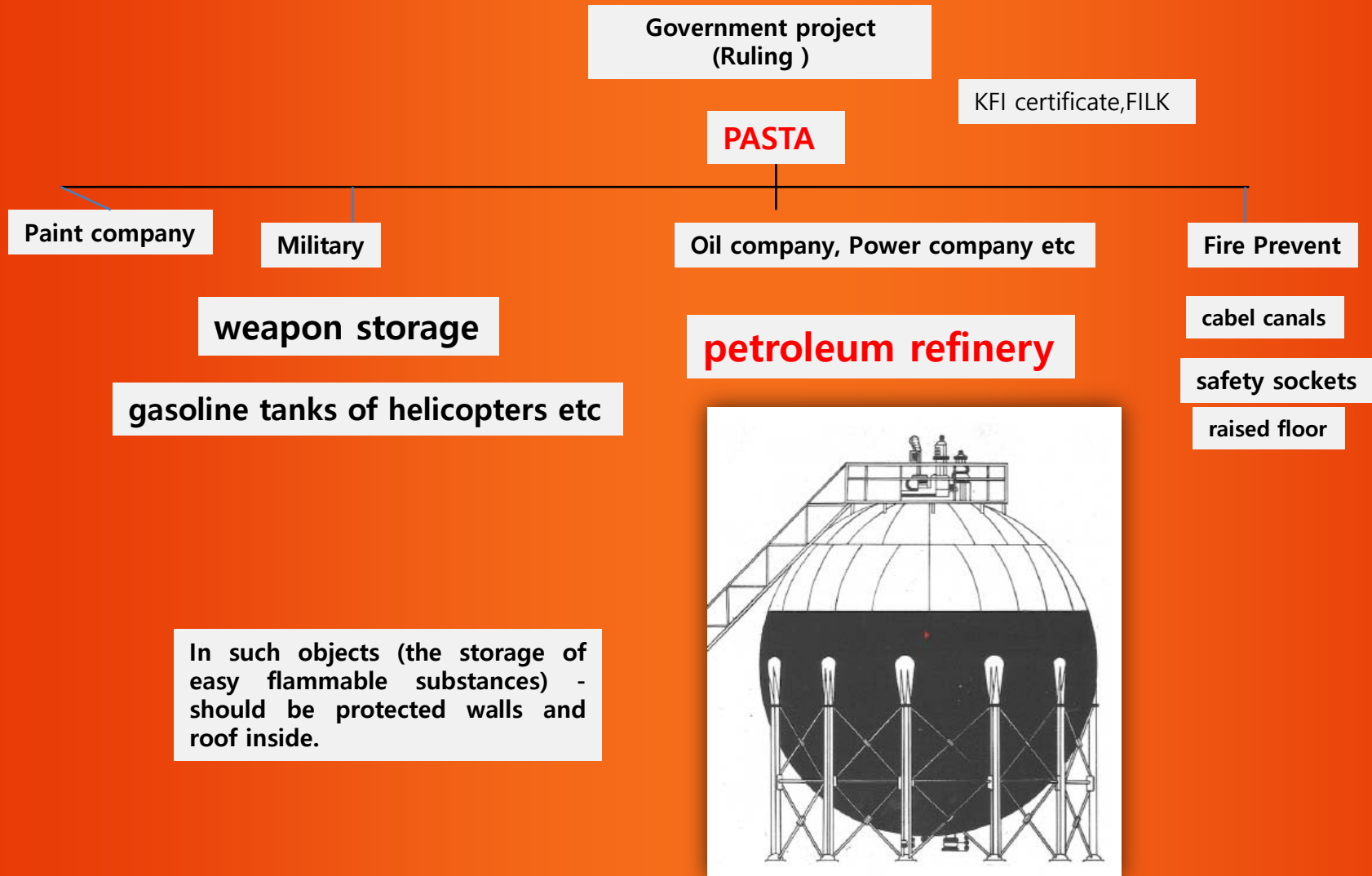
Fire resisted fabric



Service for fire resist Stiker,painting

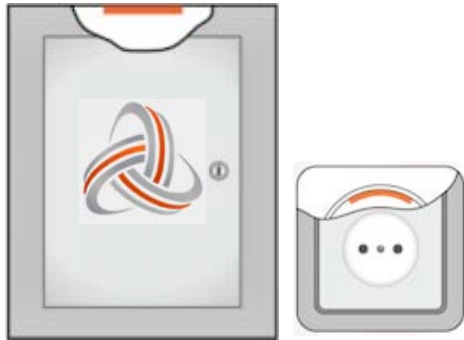


FOG products application and promotion





Overcome the limited firefighting



MICRO119 PLASTINE MICRO119 PASTA



**Certification
Test report**

Certificate(KFI)


Certificate No. 201701076

CERTIFICATE OF KFI ACCREDITATION

Applicant : Jonghae, Kim
Company : ENERGY APEX Co., Ltd.
Address : 135, Mubong-gil, Jangsan-myeon, Hwaseong-si,
Gyeonggi-do, Korea


This is to certify that the following item has been KFI
accredited in accordance with the provisions of Article 7-
① of the KFI Accreditation Regulation.

1. Item : Fire extinguishing unit for small area
2. Type : Fire extinguishing unit compound 30 g,
Design Volume(Class A : 0.027 m³, Class B : 0.027 m³)
3. KFI accreditation No. : 소구17-2
4. Limitation : --

Date : Oct. 23, 2017


President

Korea Fire Institute


제 201701076 호


KFI 인 정 서

신청인 성 명 : 김종해
상 호 : (주)에너지에이펙스
사업장주소 : 경기도 화성시 장안면 무봉길 135

KFI인정등에관한규칙 제7조제1항의 규정에 의하여 다음과 같이 KFI인정을 합니다

1. 품 명 : 소공간용소화용구
2. 형 식 : 소공간용소화용구화합물 30g, 설계방호체적 (A급 : 0.027m³, B급 : 0.027m³)
3. KFI 인정번호 : 소구17-2
4. 부 관
5. 비 고

2017 년 10 월 23 일

 한국소방산업기술원 원장

시험인증부-4799 (2018.05.28 양도 인증에 따른 재발급)

Certificate(Trade Mark)

상표등록증
CERTIFICATE OF TRADEMARK REGISTRATION

등록 제 40-1336423 호
Registration Number

출원번호 제 40-2017-0093414 호
Application Number

출원일 2017년 07월 25일
Filing Date

등록일 2018년 03월 02일
Registration Date

상표권자 Owner of the Trademark Right
(주)에너지에이팩스(120111-*****)
인천광역시 계양구 아나지로 258,2층(작전동)

상표를 사용할 상품 및 구분
List Of Goods
제 09 류
소화기등 6건

Micro 911

위의 표장은 「상표법」에 따라 상표등록원부에 등록되었음을 증명합니다.
This is to certify that, in accordance with the Trademark Act, a trademark has been registered at the Korean Intellectual Property Office.

2018년 05월 31일

특허청장
COMMISSIONER,
KOREAN INTELLECTUAL PROPERTY OFFICE

성준모

QR코드로 현재기준 등록사항을 확인하세요

상표등록증
CERTIFICATE OF TRADEMARK REGISTRATION

등록 제 40-1336422 호
Registration Number

출원번호 제 40-2017-0093409 호
Application Number

출원일 2017년 07월 25일
Filing Date

등록일 2018년 03월 02일
Registration Date

상표권자 Owner of the Trademark Right
(주)에너지에이팩스(120111-*****)
인천광역시 계양구 아나지로 258,2층(작전동)

상표를 사용할 상품 및 구분
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Micro 119

위의 표장은 「상표법」에 따라 상표등록원부에 등록되었음을 증명합니다.
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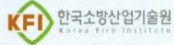
2018년 05월 31일


특허청장
COMMISSIONER,
KOREAN INTELLECTUAL PROPERTY OFFICE

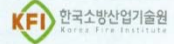
성준모

QR코드로 현재기준 등록사항을 확인하세요

TEST REPORT

Certificate of Inspection	
 한국소방산업기술원 Korea Fire Institute 136, Jigok-Dong, Gyeong-Gu Yongin-Si Gyeonggi-Do 446-909 Korea Tel. +82-31-289-2836, Fax. +82-31-287-9066	Certificate No. 201701076 (Page 1 of 3)
1. Customer <input type="checkbox"/> Original <input checked="" type="checkbox"/> Reissuance <input type="radio"/> Customer : ENERGY APEX Co., Ltd. <input type="radio"/> Address : 135, Mubong-gil, Jangnam-myeon, Hwaseong-si, Gyeonggi-do, S.Korea <input type="radio"/> No. of Receipt : 1700135, July 10, 2017.	
2. Use of Certificate : KFI Accreditation 3. Inspection Sample : Fire extinguishing unit for small area 4. Date of Inspection : 2017. 07. 10. ~ 2017. 10. 19. 5. Inspection method used : KFI Accreditation regulation of Fire extinguishing unit for small area(Standard No. 182, 2015.5.7.) 6. Inspection location : 331, Jisam-ro, Gyeong-gu, Yongin-si, Gyeonggi-do, Republic of Korea 7. Inspection Environment <input type="radio"/> Temperature : (26.0 ± 3.0) °C, Relative Humidity : (65 ± 5) % R.H. 8. Inspection results : PASS ※ Appendix : Approval Test Result(page 2 ~ 3)	
Affirmation Inspector Name : Jae-Hun, Choi (Signature)	Confirmer Name : Jeong-Ho Park (Signature)
The above inspection certificate is the accredited inspection results by KFI Accreditation regulation of Fire extinguishing unit for small area(Standard No. 182, 2015.5.7.) October 20, 2017 President : Korea Fire Institute	
Note : 1. This is certified that the above mentioned products have been inspected for the sample provided by customer. 2. No part of this document may be duplicated or reproduced by any means without prior written permission of Korea Fire Institute.	

Certificate No. 201701076						
 한국소방산업기술원 Korea Fire Institute 136, Jigok-Dong, Gyeong-Gu Yongin-Si Gyeonggi-Do 446-909 Korea Tel. +82-31-289-2836, Fax. +82-31-287-9066	Certificate No. 201701076 (Page 2 of 3)					
Inspection Results						
Customer	ENERGY APEX Co., Ltd. KFI accreditation No. 소구17-2					
Item	Fire extinguishing unit for small area	Type	Fire extinguishing unit compound 30 g. Design Volume(Class A : 0.027 m ³ , Class B : 0.027 m ³)			
Article	Testing Item	Standards	Sample	Inspection Result	Decision	Note
3	General structure	Shall be suitable for Accreditation standard	2	Suitable	pass	
4	Fire Extinguishing Test Class A	Shall be suitable for Accreditation standard	6	Suitable	pass	
4	Fire Extinguishing Test Class B	Shall be suitable for Accreditation standard	6	Suitable	pass	
5	Maximum allowable leakage Area estimation	The maximum permissible leakage area shall be calculated based on the size of the openings applied in the fire test and shall be calculated by the method specified in the approved standard	-	Suitable	pass	
6	Discharge Test	Shall be suitable for Accreditation standard		Unconcerned		
7	Vibration Test	Shall be suitable for Accreditation standard	2	Suitable	pass	
8	Fall Test	Shall not be operated by falling impact, and shall not break or leak contents after free-fall to the concrete floor at twice the maximum installation height.	2	Suitable	pass	
9	Leakage Test	Shall be suitable for Accreditation standard		Unconcerned		
9	Temperature Repetition Test	Shall be suitable for Accreditation standard		Unconcerned		

Certificate No. 201701076						
 한국소방산업기술원 Korea Fire Institute 136, Jigok-Dong, Gyeong-Gu Yongin-Si Gyeonggi-Do 446-909 Korea Tel. +82-31-289-2836, Fax. +82-31-287-9066	Certificate No. 201701076 (Page 3 of 3)					
시험결과						
Customer	ENERGY APEX Co., Ltd. KFI accreditation No. 소구17-2					
Item	Fire extinguishing unit for small area	Type	Fire extinguishing unit compound 30 g. Design Volume(Class A : 0.027 m ³ , Class B : 0.027 m ³)			
Article	Testing Item	Standards	Sample	Inspection Result	Decision	Note
10	Support Device	Shall be suitable for Accreditation standard	2	Suitable	pass	
11	Performance of fire extinguishing agent etc.	Shall be suitable for Accreditation standard		Unconcerned	-	
12	Accelerated aging test	Shall be suitable for Accreditation standard	2	Suitable	pass	
13	Temperature and Humidity Test	Shall be suitable for Accreditation standard		Unconcerned	-	
14	Corrosion Test	Shall be suitable for Accreditation standard		Unconcerned	-	
15	Synthetic resin aging test	Shall be suitable for Accreditation standard		Unconcerned	-	
16	Application of High Pressure Gas Safety Management Act	Shall be suitable for Accreditation standard		Unconcerned	-	
17	Marking	Shall be suitable for Accreditation standard	2	Suitable	pass	
※ Note : The sign of *** is a test item omitted by clause2, art.6 of Rules for KFI accreditation						



Sales & Marketing: INPROS Co., LTD

www.inpros.kr / E: sales@inpros.kr / T: +82-70-7802-5990 / F: 82-70-7802-5988