

Sr. No.	Description/	Qty Required
1	2	3
1.	<b>Formaldehyde Meter</b> Model: HAL-HFX205 As per Specification Attached	03 No.
2.	<b>Formaldehyde Dip-stick Detectors</b> Model: FRM-04 As per Specification attached	02 Packs
3.	<b>Formaldehyde Neutralizing Absorbent Roll</b> Heavy weight Size: 30" x 150'	10 Rolls
4.	<b>Belzona</b>	
4.1.	4331 (Magma CR3) Pack Size: 1.5kg	05 Packs
4.2	4341 (Magma CR4) Pack Size: 1.5kg	05 Packs
5.	<b>Metal clad (Speed alloy) Leak Stopper</b> Complete pack As per Specification attached	05 No.
6.	<b>Disposable Protective Coveralls</b> TYVEK brand made by DUPONT As per Specification attached	
6.1	Size: Large	25 No.
6.2	Size: X-Large	25 No.

(9)

OR Equivaler

# SPECIFICATION SHEET

## Item No. 1: FORMALDEHYDE HAND HELD METER/ MONITOR

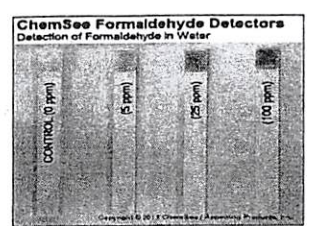
Model: HAL-HFX205 (USA)

- Target Gas: Formaldehyde (HCHO) in air
- Sensor Technology: Electrochemical sensor
- Sampling Method: Pump and pointing sampling
- Range: 0 ~ 20ppm
- Response Time: < 30 seconds
- Resolution: 0.01ppm
- Long Term Draft: <10% per year
- Repeatability: < ± 2%
- Expected Sensor Life: 5 years in non-corrosive environment.
- Display Unit: ppm (4 digits LCD)
- Power: Rechargeable Lithium ion battery (3.7V/900mAh); AC adapter 100~ 240VAC to 5VDC/1A
- Dimension: 80 (W) × 150 (H) × 40 (D) mm
- Environmental Condition: Operating: 5~ 40°C, <90%RH; Storage: -20~ 50°C, <90%RH
- Standard accessories: AC adapters, USB cable, CD with data download software and user manual

Quantity: 03 No.

## Item No. 2: FORMALDEHYDE DIP-STICK DETECTORS

- Model: FRM-04
- Product No: B00H3QZCZ2
- Product Dimensions: 0.2 x 2.4 inches ; 0.16 ounces
- Qty per Pack: 100 No.
- Quantity Required: 02 Packs



## Item No. 3: FORMALDEHYDE NEUTRALIZING ABSORBENT ROLL

• Size:	30" x 150'	
• Quality:	Heavy weight	
• Quantity Required:	10 Rolls	

## Item No. 4 : BELZONA

### Item No. 4.1 : MAGMA CR3 (BELZONA 4331)

#### KEY TECHNICAL DATA:

Working life at 20°C	20 minutes
Recommended coverage rate (1.5kg unit)	Practical coverage rate for a 2 coat system: 1.85 sq.m. (20 sq.ft.) per 1.5 kilogram per coat
Compressive strength (ASTM D695)	10,400 psi (71.7 MPa) ambient cure
Temperature resistance	90°C (194°F) immersed, 200°C (392°F) dry
Bonds to	Aluminum, copper, steel, stainless steel, cast iron concrete, stone, brick and other materials
Pack size	1.5 kg
Quantity Required	05 No.

Item No. 4.2: MAGMA CR4 (BELZONA 4341)

**KEY TECHNICAL DATA:**

Working life at 20°C (68°F) 15 minutes  
 Full chemical resistance cure 20°C (68°F) 5 days  
 Recommended coverage rate (1.5kg unit) Practical coverage rate for a 2 coat system: 2.25 sq.m. (24 sq.ft.) per 1.5 kilogram per coat  
 Pull off adhesion (D4541 / ISO 4624) 3540 psi (24.40 MPa) ambient cure on blasted mild steel  
 Compressive strength (ASTM D695) 7,300 psi (50.33 MPa) ambient cure  
 Temperature resistance 90°C (194°F) immersed, 200°C (392°F) dry  
 Typical applications Coating of concrete and metal for resistance to hot inorganic acids  
 Pack size 1.5 kg  
 Quantity Required: 05 Packs



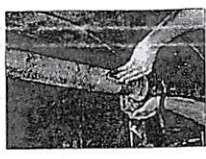
Item No. 5: METALCLAD (SPEEDALLOY) LEAK STOPPER

**Technical Data**

Volume capacity per 167gm "A Pack": 4.3 in<sup>3</sup> / 72 cc  
 Mixed density: 0.085 lbs per in<sup>3</sup> / 2.33 gm per cc  
 Coverage rate per "A Pack" @ 0.25 in / 6mm : 17.2 in<sup>2</sup> / 0.012 m<sup>2</sup>  
 Shelf life: Indefinite  
 Volume Solids : 100%



Mixing ratio Base 1 Activator 1  
 By Volume 1 1  
 By Weight 2 1



**WORKING LIFE AND CURE TIMES**

Ambient	Working	Machining Light	Full	Chemical
Temperature	Life	Load	Mechanical	Immersion
59°F 15°C	7 min.	45 min.	1 hrs.	48 hrs.
77°F 25°C	5 min.	30 min.	40 min.	36 hrs.
86°F 30°C	3 min.	20 min.	30 min.	24 hrs.

**PHYSICAL PROPERTIES**

Compressive strength Steel  
 Surface resistivity Dielectric constant  
 Quantity Required: 05 Packs  
 Item No. 6: DISPOSABLE PROTECTIVE COVERALLS

Leak proof Resistant to strong Alkali and concentrated Nitric Acid (60% w/w)  
 Brand: TYVEK Made by DUPONT

Item No.	Size	Quantity
6.1	Large	25 No.
6.2	X-Large	25 No.

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