

شركة بر الأمان الدولية للاستثمار  
Barr Al-Aman International Investment Co.



# GLUE AMAAN®

## FLOW STRONG™



GLUE AMAAN®

New

متوفر الآن  
2024

FLOW STRONG™  
FOR CPVC



Available sizes: 1kg || 1/2kg || 1/4kg || 1/8KG

صناعة سعودية  
SAUDI MADE



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www.barralaman.com.sa

GLUE AMAAN®

متوفر الآن  
2024

New

FLOW STRONG™  
FOR PCV



Available sizes: 1kG || 1/2kG || 1/4kG || 1/8KG

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GLUE AMAAN®

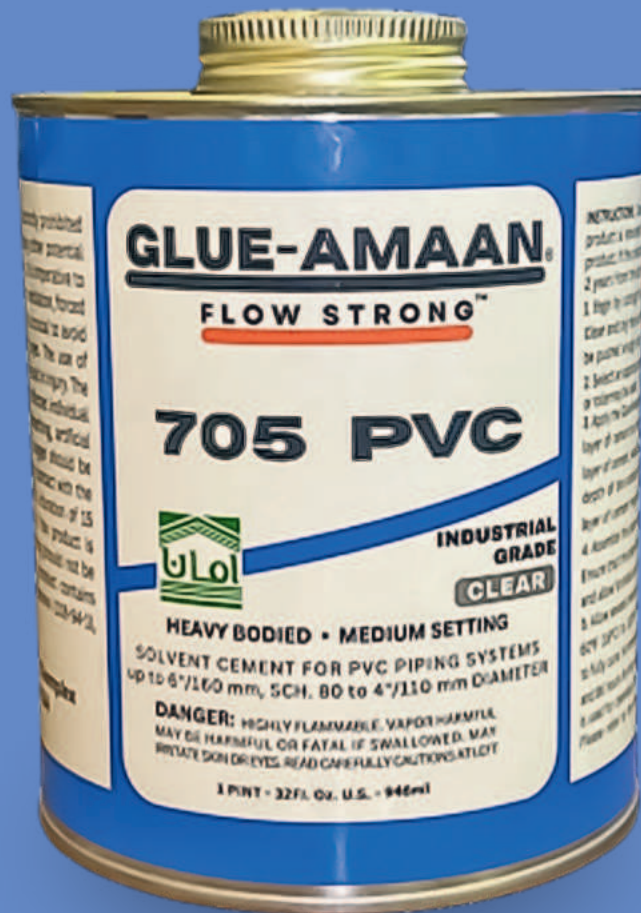
متوفر الآن

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FLOW STRONG™

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Available sizes: 1kG || 1/2kG || 1/4kG || 1/8KG

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GLUE AMAAN®

New

متوفر الآن  
2024

# FLOW STRONG™ CLEANER



Available sizes: 1kG || 1/2kG || 1/4kG || 1/8KG

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# **GLUE-AMAAN®**

## **FLOW STRONG™**

### **(PLASTIC PIPE CEMENT) (CPVC) 714**

#### **1. IDENTIFICATION**

Commercial Name : GLUE-AMAAN  
Commercial Family : Solvent cement / adhesive  
Formula : Contains synthetic polymers, oxygenated solvents & additives  
Molecular weight : NA

#### **2. PHYSICAL DATA**

Appearance : Flowable Bodied liquid  
Freezing Point : Not reported  
Specific Gravity (Water = 1) : 0.90-1.00  
Vapor Density (Air = 1) : Not reported  
Vapor Pressure (mPa) : Not defined  
Solubility in Water : Insoluble  
Evaporation : 5.08.01e  
(Butyl Acetate =1)

#### **3. INGREDIENTS**

MATERIALS : Contain CPVC resin, Tetrahydrofuran, MEK & Cyclohexanone

#### **4. HEALTH HAZARD DATA TLV & STORE:**

Toxicity : Category 4  
Effect of single over-Exposure : Harmful, not recommended for long exposure  
congestion resulting in labored breathing  
aspirated in large amount into lungs may cause  
severe lung damaged  
  
Skin Absorption : Not Known  
Inhalation. : Harmful in high concentration may cause  
Skin Contact : drowsiness.  
Eye Contact : Frequent or prolonged contact may irritate the skin  
  
Effect or repeated exposure. : May injure eye tissues on prolonged contact  
No adverse effects

#### **5. FIRE AND EXPLOSION HAZARD DATA:**

Flash Point (°C) : <4°C  
Extinguishing Media : Use foam, dry chemical powder.  
Unusual fire explosion hazard. : None

**UN # AM714**



# **GLUE-AMAAN®**

## **FLOW STRONG™**

### **6. EMERGENCY AND FIRST AID PROCEDURE**

|              |                                                                                               |
|--------------|-----------------------------------------------------------------------------------------------|
| Swallowing   | : Do not induce vomiting. Keep patient at rest                                                |
| Inhalation   | : Remove at once to fresh air using proper respiratory protection, in case of severe exposure |
| Skin Contact | : Wash with soap and water after removing contaminated clothing                               |
| Eye Contact  | : Flush eyes with plenty of water                                                             |

### **7. REACTIVITY DATE:**

|                                     |                                                    |
|-------------------------------------|----------------------------------------------------|
| Stability                           | : Stable                                           |
| Condition to Avoid                  | : None                                             |
| Incompatibility (material to avoid) | : Strong oxidizing agents, halogen, molten sulphur |

Hazardous Combustion or Decomposition Products : Burning may produce carbon monoxide and/or carbon dioxide

Hazardous Polymerization : Will not occur

### **8. SPILL OR LEAK PROTECTION:**

Steps to be taken if material is released or spilled

1. Eliminate all source of ignition
2. Call fire brigade
3. Contain spilled Liquid with Sand
4. Recover by pumping " explosion proof pump "
5. Collect al contaminated material for disposal

**WASTE DISPOSAL METHOD** Incinerate in s special furnace or if the quantity is small expose for weathering.

### **9. SPECIAL PROTECTION INFORMATION**

|                        |                                                                                                                                 |
|------------------------|---------------------------------------------------------------------------------------------------------------------------------|
| Respiratory Protection | : Required                                                                                                                      |
| Ventilation            | : The product should be confined within closed containers in which case general ( mechanical ) ventilation should be sufficient |
| Protection Glove       | : Neoprene                                                                                                                      |
| Eye protection         | : Safety Glasses                                                                                                                |

### **10. SPECIAL PRECAUTIONS**

- : Keep away from heat, spark and flame
- : Keep away from children
- : Store in cold & dry area

**UN # AM714**



# **GLUE-AMAAN®**

## **FLOW STRONG™**

### **(PLASTIC PIPE CLEANER) 814**

#### **1. Identification:**

Commercial Name : GLUE-AMAAN 814

Chemical Family : Mixture of solvents / CLEANER

Formula : Contains oxygenated solvents & MEK & Cyclohexanone Molecular Weight : NA

#### **2. Hazard Data TLV:**

Toxicity : Category 4

Effect of single over- : Harmful, not recommended for long exposure congestion

Exposure resulting in labored breathing aspirated in large amount into

Lungs may cause severe lung damaged.

Skin Absorption : Not known

Inhalation : Harmful In high concentration may cause drowsiness.

Skin Contact : Frequent or prolonged contact may irritate the skin

Eye Contact : May injure eye tissues on prolonged contact

Effect or repeated : No adverse effects  
exposures

#### **3. Ingredients:**

Materials : Contain Acetone, MEK & Cyclohexanone

#### **4. Emergency and first aid procedure**

Swallowing : Do not induce vomiting. Keep patient at rest

Inhalation : Remove at once to fresh air using proper respiratory  
Protection, in case of severe exposure.

Skin Contact : Wash with soap and water after removing  
Contaminated clothing.

Eye Contact : Flush eyes with plenty of water

#### **5. Fire and Explosion Hazard Data:**

Flash Point (°C) : <4°C

Extinguishing Media : Use foam, dry chemical powder. :

Unusual fire explosion : None.

Hazard.

#### **6. Spill or Leak Protection:**

Steps to be taken if material is released or spilled

1. Eliminate all source of ignition

2. Call fire brigade

3. Contain spilled Liquid with Sand

4. Recover by pumping "explosion proof pump"

5. Collect all contaminated material for disposal

**UN # AM814**



# GLUE-AMAAN®

## FLOW STRONG™

### 7. Handling & Storage:

The product should be confined within closed containers; in any case a general (mechanical) ventilation should be sufficient.

### 8. Special Protection Information:

Respiratory Protection : Required Protection

Glove : Neoprene

Eye Protection : Safety Glasses

#### Special Precautions

- Keep away from heat, spark and flame
- Keep away from children
- Store in cold & dry area

### 9. Physical Data:

Appearance : Clear Liquid

Freezing Point : Not reported

Specific Gravity (Water=1) : 0.77-0.82

Vapor Density (Air = 1) : Not reported

Vapor Pressure (mPa) : Not defined

Solubility in Water : Soluble

Evaporation : 3.0 - 5.0

(Butyl Acetate = 1)

### 10. Reactivity Data:

Stability : Stable

Condition to Avoid : None

Incompatibility (material to : Strong oxidizing agents, halogen, molten sulphur avoid)

Hazardous Combustion or : Burning may produce carbon monoxide and/or carbon dioxide

Decomposition Products

Hazardous Polymerization : Will not occur

### 11. TOXICOLOGICAL Information:

| TOXICITY             | LD50             | LC50                                      |                 |
|----------------------|------------------|-------------------------------------------|-----------------|
| Methyl Ethyl Ketone: | Oral: 2737 mg/kg | Inhalation 8hrs. 23,500 mg/m <sup>3</sup> | STOT SE3        |
| Cyclohexanone:       | Oral: 1535 mg/kg | Inhalation 4hrs. 8000 ppm                 | Not Established |

| <u>Reproductive Effects</u> | <u>Teratogenicity</u> | <u>Mutagenicity</u> | <u>Embryotoxicity</u> | <u>Sensitization to Product</u> | <u>Synergistic Products</u> |
|-----------------------------|-----------------------|---------------------|-----------------------|---------------------------------|-----------------------------|
| Not Established             | Not Established       | Not Established     | Not Established       | Not Established                 | Not Established             |

### 12. ECOLOGICAL Information:

Aquatic Life Toxicity: This product can be harmful or fatal to contaminated aquatic plant or animal life. Especially if released in large quantity in a body of water.

Mobility in soil: If released into the environment, this product can move rapidly through the soil.

**UN # AM814**

**Barr Al Aman Int'l. Investment Co. LTD**

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# **GLUE-AMAAN®**

## **FLOW STRONG™**

### **(PLASTIC PIPE CEMENT) (PVC) 717 & 705**

#### **1. Identification:**

Commercial Name : GLUE-AMAAN 717 (GRAY) & 705 (TRANSPARENT)  
Chemical Family : Solvent Cement / Adhesive  
Formula : Contains synthetic polymers, oxygenated solvents and Additives  
Molecular Weight : NA

#### **2. Hazard Data TLV:**

Toxicity : Category 4  
Effect of single over- : Harmful, not recommended for long exposure congestion  
Exposure resulting in labored breathing aspirated in large amount into Lungs may cause severe lung damaged.  
Skin Absorption : Not known  
Inhalation : Harmful In high concentration may cause drowsiness.  
Skin Contact : Frequent or prolonged contact may irritate the skin  
Eye Contact : May injure eye tissues on prolonged contact  
Effect or repeated : No adverse effects exposures

#### **3. Ingredients:**

Materials : Contain PVC resin, Tetrahydrofuran, MEK & Cyclohexanone

#### **4. Emergency and first aid procedure**

Swallowing : Do not induce vomiting. Keep patient at rest  
Inhalation : Remove at once to fresh air using proper respiratory Protection, in case of severe exposure.  
Skin Contact : Wash with soap and water after removing Contaminated clothing.  
Eye Contact : Flush eyes with plenty of water

#### **5. Fire and Explosion Hazard Data:**

Flash Point (°C) : <4°C  
Extinguishing Media : Use foam, dry chemical powder. :  
Unusual fire explosion Hazard. : None.

#### **6. Spill or Leak Protection:**

Steps to be taken if material is released or spilled

1. Eliminate all source of ignition
2. Call fire brigade
3. Contain spilled Liquid with Sand
4. Recover by pumping "explosion proof pump"
5. Collect all contaminated material for disposal

**UN # AM814**



## GLUE-AMAAN®

### FLOW STRONG™

#### 7. Handling & Storage:

The product should be confined within closed containers; in any case a general (mechanical) ventilation should be sufficient.

#### 8. Special Protection Information:

Respiratory Protection : Required

Protection Glove : Neoprene

Eye Protection : Safety Glasses

##### Special Precautions

- Keep away from heat, spark and flame
- Keep away from children
- Store in cold & dry area

#### 9. Physical Data:

Appearance : Flowable Bodied liquid

Freezing Point : Not reported

Specific Gravity (Water=1) : 0.90-1.00

Vapor Density (Air = 1) : Not reported

Vapor Pressure (mPa) : Not defined

Solubility in Water : Insoluble

Evaporation : 5.0-8.0

(Butyl Acetate = 1)

#### 10. Reactivity Data:

Stability : Stable

Condition to Avoid : None

Incompatibility (material to : Strong oxidizing agents, halogen, molten sulphur avoid)

Hazardous Combustion or : Burning may produce carbon monoxide and/or carbon dioxide

Decomposition Products

Hazardous Polymerization : Will not occur

#### 11. TOXICOLOGICAL Information:

| TOXICITY               | LD50                  | LC50                                            | Target Organs   |
|------------------------|-----------------------|-------------------------------------------------|-----------------|
| Tetrahydrofuran (THF): | Oral: 2842 mg/kg(rat) | Inhalation 3hrs. 21,000 mg/m <sup>3</sup> (rat) | STOT SE3        |
| Methyl Ethyl Ketone:   | Oral: 2737 mg/kg      | Inhalation 8hrs. 23,500 mg/m <sup>3</sup>       | STOT SE3        |
| Cyclohexanone:         | Oral: 1535 mg/kg      | Inhalation 4hrs. 8000 ppm                       | Not Established |

| <u>Reproductive Effects</u> | <u>Teratogenicity</u> | <u>Mutagenicity</u> | <u>Embryotoxicity</u> | <u>Sensitization to Product</u> | <u>Synergistic Products</u> |
|-----------------------------|-----------------------|---------------------|-----------------------|---------------------------------|-----------------------------|
| Not Established             | Not Established       | Not Established     | Not Established       | Not Established                 | Not Established             |

#### 12. ECOLOGICAL Information:

Aquatic Life Toxicity: This product can be harmful or fatal to contaminated aquatic plant or animal life. Especially if released in large quantity in a body of water.

Mobility in soil: If released into the environment, this product can move rapidly through the soil.

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