



## **MIGHTY ADHESIVE SDN BHD ( 233456-M)**

Lot 37090 (AL-49B), Jalan Kampung Baru , 47000 Sungai Buloh, Selangor, Malaysia.

Tel : 603-6156 7479 , 603-6144 6156 , Fax : 603-6156 7516

Website : [www.mighty.com.my](http://www.mighty.com.my) Email: [info@mighty.com.my](mailto:info@mighty.com.my)

SST Reg. No. B-16-1808-21025089

## **Safety Data Sheet (SDS)**

# **PVC SOLVENT CEMENT**

22-March 2019

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

#### 1.1. IDENTIFICATION OF THE SUBSTANCE OR PREPARATION

PRODUCT NAME : PVC Solvent Cement for PVC Plastic and fittings  
Code : NO. 70 (Fast dry) , No. 10 ( slow dry)  
CAS : 9003-22-9/108-94-1/79-20-9/78-93-3  
Standard : Complies to : MS 628-4 : 2015 OR BS: 4346 PT:3

#### 1.2. COMPANY

MIGHTY ADHESIVE SDN BHD  
Tel: 00-603-61567479/6144 6156 fax: 00-603-6156 7516

#### 1.3. EMERGENCY TELEPHONE NUMBERS

Emergency : 603 -6156 7479

### 2. COMPOSITION / INFORMATION ON INGREDIENTS

Product name	Cas number	Volume (approx. %)
Polyvinyl Chloride Resin	9003-22-9	10-30
Cyclohexanone	108-94-1	20-30
Methyl Acetate	79-20-9	20-50
Methyl Ethyl Ketone	78-93-3	10-20

### 3. HAZARDS IDENTIFICATION



Flammable , irritant

Signal Word  
Danger



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#### 4. FIRST AID MEASURES

### =====

##### 4.1. INGESTION:

Give 1 or 2 glasses of water or milk . Do not induce vomiting. Seek medical aid if ill symptom persist.

##### 4.2. INHALATION

Repeated or prolonged inhalation may cause irritation, headache dizziness and harmful to the nervous system.

##### 4.3. SKIN CONTACT

Remove contaminated clothing and shoes. Wash skin with plenty of soap and water for at least 15 minutes. If irritation develops, obtain medical attention.

##### 4.4. EYE CONTACT

Contact with eyes may cause irritation and will get eyes tissue injured. Flush eyes with plenty of water for at least 15 minutes. Obtain medical attention.

### =====

#### 5. FIRE-FIGHTING MEASURES

### =====

##### 5.1. Suitable extinguishing agent

Water haze, alcohol resistant foam, fire-extinguishing powder, carbon dioxide.

##### 5.2. EXTINGUISHING MEDIA TO BE AVOIDED

For safety reasons unsuitable extinguishing agent -water with full jet

##### 5.3. SPECIAL PROTECTIVE EQUIPMENT FOR FIREFIGHTERS

Mount respiratory protective device. Use self-contained breathing apparatus when fighting fires in enclosed areas.

##### 5.4 Additional information

Cool endangered receptacles with water spray.

Collect contaminated fire-fighting water separately. It must not enter the sewage system.

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#### 6. ACCIDENTAL RELEASE MEASURES

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##### 6.1 Person-related safety precautions

Wear protective equipment. Keep unprotected persons away

##### 6.2 Measures for environment protection



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Prevent seepage into sewage system, workplace and cellars. Do not allow to enter sewers/surface or ground water.

#### 6.3 Measures for cleaning/collecting

Absorb with liquid-binding materials (sand, diatomite, acid binders, universal binders, sawdust.)

Dispose contaminated materials as waste according to item 13. Ensure adequate ventilation.

#### 7. HANDLING AND STORAGE

##### 7.1. HANDLING

Information for safe handling

- Ensure good ventilation/exhaustion at the workplace.
- Ensure good interior ventilation, especially at floor level. (fumes are heavier than air)

Information about fire and explosion

- Keep ignition sources away. Do not smoke. Protect against electrostatic charges.

##### 7.2. STORAGE

Requirement to be met by storerooms and receptacles

- Store in a cool location

Information about storage in one common storage facility

- No required

Further information about storage conditions:

- Keep receptacle tightly sealed
- Store in cool, dry conditions in well-sealed receptacles.

#### 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

##### 8.1. EXPOSURE LIMITS

Workplace Exposure Limit:

- Cyclohexanone (CYC), Operating -short-term value 20ppm, Long-term value 10ppm
- Methyl Acetate (MEAC, non-volatile matter)



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- Methyl Ethyl Ketone (MEK), Operating - short-term 699g/m<sup>3</sup>, 300ppm, Long-term 400g/m<sup>3</sup>, 200ppm

#### 8.2 General protective and hygienic measures

- The usual precautionary measures are to be adhered to when handling chemicals.
- Keep away from foodstuffs, beverages and feed.
- Immediately remove all soiled and contaminated clothing.
- Wash hands before breaks and at the end of work.
- Avoid contact with eyes and skin.

#### 8.3 Respiratory Protection

- In case of brief exposure or low pollution use respiratory filter device.
- In case of intensive or longer exposure use self-contained respiratory protective device. Suitable respiratory protective device recommended.

#### 8.4 Protection of hands

- PVA coated or nitrile protective gloves

#### 8.5 Eye Protection

- Splash-proof chemical goggles

#### 8.6 Skin Protection

- Solvent resistant protective clothing. Impervious apron and source of running water to wash eyes or skin in case of contact.

### 9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE.....: Fluid  
COLOUR.....: According to product specification  
ODOUR .....: Characteristic  
VALUE / RANGE UNIT METHOD CHANGE  
IN CONDITION MELTING POINT/MELTING RANGE...: Undetermined  
BOILING POINT.....: > 65°C  
FLASH POINT .....: < 0 °C  
FLAMMABILITY .....: Highly flammable vapour / air mixture explosive  
SPECIFIC GRAVITY @ 20 °C .....: 0.95+/- 0.04  
VAPOUR PRESSURE.....: at 20 °C , 200hpa  
VISCOSITY , DINAMIC .....: at 20 °C , 9000cps (such condition will return to normal, 1000cps between 30 °C to 40 °C after 1 hour)  
EXPLOSION LIMITS  
LOWER .....: 1.3 VOL %  
Upper .....: 12.0 Vol %



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### 10. STABILITY AND REACTIVITY

Fire hazard because of low flash point and high volatility. Vapours are heavier than air and may travel to source of ignition. Keep away from heat , sparks, open flame and other sources of ignition.

Thermal Decomposition / conditions to be avoided -No decomposition if used according to specification.

Dangerous Reactions -No dangerous reaction known.

Dangerous Decomposition products -Danger of forming toxic pyrolysis products.

### 11. TOXICOLOGICAL INFORMATION

Acute Toxicity

Primary irritant effect :

On the skin -- No irritant effect

On the eye - irritant effect

Sensitization - No sensitizing effect.

### 12. ECOLOGICAL INFORMATION

Water hazard class 1 ( German regulation ) ( self-assessment): slightly hazardous for water. Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

### 13. DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD(S)

Disposal of the product is in accordance with the requirement of local council and Department of Environment (DOE).

### 14. TRANSPORT INFORMATION

Proper shipping name : Adhesive



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UN NUMBER : 1133

Class number : 3.2

Hazard Identification no : 33

Standard : Complies to : MS 628-4 : 2015 OR BS: 4346 PT:3

### 15. REGULATORY INFORMATION

All other national and local regulations, if applicable to the use, transport or disposal of this product, should be observed.

Code letter and hazard designation of - Highly flammable

Risk Phrases - Irritating to eyes and respiratory system

Safety phrases - keep container in a well-ventilated place.

- Keep away from sources of ignition - No smoking.

- Avoid contact with eyes.

- In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

- if swallowed, seek medical advice immediately and show this container or label.

--Use only in well-ventilated areas.

### 16. OTHER INFORMATION

#### RECOMMENDED USES AND RESTRICTIONS

Please consult the relevant product and/or application information for this product.

#### REVISED SECTIONS IN THIS ISSUE :

All sections in this issue have been revised.

We believe that the information contained herein is current as of the date of this Safety Data Sheet. Since the use of this information and of these opinions and the conditions of use of this product are not within the control of us, it is the user's obligation to determine the conditions of safe use of the products.