



# MATERIAL SAFETY DATA SHEET

## PVA WASHABLE SCHOOL GLUE

### SECTION I - IDENTIFICATION OF COMPANY/BUSINESS

**NAME** : PIDILITE INDUSTRIES LIMITED  
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Telephone : 91-022-2836 7085. Fax: 91-022-2837 6165. E-mail : [rajerm@pidilite.com](mailto:rajerm@pidilite.com)  
**USE** : General purpose adhesive.

### SECTION II - HAZARDOUS CONSTITUENTS OF MATERIAL

COMPONENT	CAS NUMBER	PERCENT	PERMISSIBLE EXPOSURE LIMIT [TWA]	SHORT TERM EXPOSURE LIMIT [STEL]
Vinyl acetate homopolymer	NH	21 ± 1 %	NH/NA	NH/NA
Residual Monomer	Not Req.	< 0.3 % Max	CI	CI

### SECTION III - IDENTIFICATION OF HAZARDS

**TOXIC EFFECTS OF EXPOSURE/ CONTACT :**  
**SKIN CONTACT** : May irritate skin on prolonged or repeated contact.  
**EYE CONTACT** : May cause slight irritation to eyes.  
**INHALATION** : Vapours can cause irritation of mucous membrane, nausea, headache and drowsiness.  
**INGESTION** : Moderately toxic.  
**DELAYED EFFECTS**: Not reported.

### SECTION IV - FIRST AID MEASURES

**SKIN CONTACT** : Flush skin with plenty of water while removing contaminated cloths. Wash contaminated cloths before reuse.  
**EYE CONTACT** : Immediately flush eyes with plenty of water for at least 15 minutes. Consult Physician if irritation persist.  
**INHALATION** : Move the subject to fresh air. If not breathing, give artificial respiration. If respiration is difficult, give Oxygen and seek help from Physician.  
**INGESTION** : Immediately give two glasses of water to drink. Do not induce vomiting. Never give anything by mouth to an unconscious person. Call a Physician.  
**NOTE TO PHYSICIAN**: There is no specific antidote. Treatment should be given symptomatically on the clinical conditions.

### SECTION V - FIRE AND EXPLOSION HAZARD OF MATERIAL

**FLAMMABILITY** : Non-combustible. **FLASH POINT** : NA  
**EXPLOSIVE LIMITS (% by vol.)** : LEL : NA UEL : NA  
**FIRE EXTINGUISHING MEDIA** : Material will not burn. Use Water, Foam, Dry Chemical Powder, CO<sub>2</sub> to extinguish the fire.  
**THERMAL DECOMPOSITION PRODUCT** : May yield acrid smoke and irritating gases with oxides of carbon and organic fragments.  
**SPECIAL FIRE FIGHTING PROCEDURE** : Wear self contained breathing apparatus or equivalent [MSHA/NIOSH - approved].  
**UNUSUAL FIRE AND EXPLOSION HAZARDS** : Emulsion will not burn. They may spatter if the temperature exceeds boiling point. Dried polymer films are capable of burning.

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## SECTION VI - ACCIDENTAL RELEASE MEASURES

**PERSONAL PRECAUTIONS** : Use personal protective equipment & handling listed under sections VII & VIII

**ENVIRONMENT PRECAUTIONS** : Review fire and safety precautions before proceeding with clean up. Use appropriate personal protective equipment during clean up. Keep spectators away. Dike and contain spill with an inert [e.g. sand, earth, etc.] absorbent. Collect the absorbed material in plastic bag for final disposal. Transfer liquid to container for recovery or disposal. Emulsion can be coagulated by stepwise addition of lime and Ferric Chloride or Ferric Sulphate up to a water clear end point. Keep spill out of sewers and open bodies of water.

**CLEANING METHODS** : Wash floor with water. Contaminated diking material may be incinerated or land filled according to current local or central regulation.

## SECTION VII - HANDLING AND STORAGE

**HANDLING PROCEDURE**: Use appropriate personal protective equipment [PPE] during handling. Protect against physical damage. Observe good hygiene practices.

**STORAGE REQUIREMENTS** : Store at ambient temperatures. Keep away from freezing. Keep container tightly closed when not in use. Maintain good housekeeping.

## SECTION VIII - EXPOSURE CONTROL/ PERSONAL PROTECTIVE EQUIPMENT

**PERSONAL PROTECTIVE EQUIPMENT** :

**HYGIENE MEASURES** : Do not eat, drink or smoke when working. Wash hands before breaks and after work.

**EYE PROTECTION** : Use chemical splash proof safety goggles or equivalent.

**HAND PROTECTION** : Impervious (rubber, neoprene, pvc, etc.) hand gloves, aprons.

**RESPIRATION PROTECTION** : None required if good ventilation in the area is maintained. Otherwise suggested to wear MSHA/NIOSH approved respirator where vapour concentrations is more.

**OTHERS** : Eye wash facility and emergency shower.

**ENGINEERING CONTROLS** : Not specific.

## SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES

**PHYSICAL STATE** : Milky white emulsion.

**BOILING POINT (°C)** : 100 °C      **pH** : 4.0 – 6.0

**DENSITY/ SPECIFIC GRAVITY (WATER=1)** : 1.03 – 1.07

**VAPOUR PRESSURE AT 25 °C** : NA

**ODOUR** : Mild odour of free monomer.

**VISCOSITY @ 30 °C** : 60 – 90 Ps

**SOLUBILITY 20 °C IN WATER** : Miscible, makes emulsion

## SECTION X - STABILITY AND REACTIVITY DATA

**CHEMICAL STABILITY** : Stable under normal ambient conditions.

**INCOMPATIBILITY** : Mineral acids and high concentration salt solution.

**HAZARDOUS POLYMERISATION** : Will not occur.

**CONDITIONS TO AVIOD** : Not specific.

## SECTION XI - TOXICOLOGICAL INFORMATION

Residual monomer content in the product is not a problem in normal handling and storage. However, monomer vapours may be released into workroom atmosphere when emulsion is heat cured or dried or spread.

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**SECTION XII - ECOLOGICAL INFORMATION**

Do not allow to enter soil, waterways and open bodies of water.

**SECTION XIII - DISPOSAL INFORMATION**

The contaminated/discarded material may be disposed off in accordance with current local or central regulation.

**SECTION XIV - TRANSPORTATION INFORMATION**

UN NO. : -

IMDG CODE PAGE NO. : -

HAZARD CLASS : -

PACKAGING GROUP: -

The material is not considered as dangerous goods.

**SECTION XV - REGULATORY INFORMATION**

Not applicable

**SECTION XVI - MISCELLANEOUS INFORMATION**

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**ABBREVIATIONS USED : NA - NOT APPLICABLE, NH - NON HAZARDOUS,  
CI - CONTENT INSIGNIFICANT.**

ISSUED BY SAFETY DEPARTMENT

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