

POLYCHEMIE ASIA PACIFIC PERMAI

MATERIAL SAFETY DATA SHEET

MSDS Name : PRESTO DN
MSDS Number : WB 25
Version Number : 1
MSDS Date : March 01 , 2018
Page Number : 1 of 5
Registration : JAIA 003709 F****

SECTION I - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name : PRESTO DN
CAS Number : 9003-20-7
Hazard Rating : Health : / Fire : 0 Reactivity : 0
Company Identification : PT. Polychemie Asia Pacific Permai
Jl. Raya Kebayoran Lama 19 H
Jakarta Selatan 12220
Contact :
Telephone / Fax : 62-21-7202563 / 7256911
Product Class : Polyvinyl Acetate Emulsion
Product Code : W B
Division : Industrial Adhesives

SECTION II - COMPOSITION, INFORMATION ON INGREDIENTS

<u>Components :</u>	<u>Percent</u>
Polyvinyl Acetate	45-55%
Water	45-55%
Total	100%

This Product contain does not contain formaldehyde, toluene, xylene, p-dichlorobenzene,ethyl benzene, styrene, chlorpyrifos, dibutylphthalate, n-tetradecane, di-2-ethylhexylphthalate, diazinon, nonanal, acetoaldehyde, fenobucarb.

In addition this product is classified as JAIA F**** glue which means it is free from Urea/Melamine/Phenol/Resorcinol type resin, formaldehyde type preservative, monomer containing metyolgroup and rongalite catalyst.

OSHA PELs & ACGIH TLVs are listed in Section VIII where applicable.

All components of this product are listed on the TSCA inventory except as exempted.

SECTION III - HAZARD IDENTIFICATION

EMERGENCY OVERVIEW :

Non-Flammable. Slippery in wet state

ROUTES OF ENTRY :

Inhalation : Yes
Ingestion : No
Skin : No
Eye : Yes

INHALATION :

May cause headaches and dizziness.

Vapor and / or aerosols which may be formed at elevated temperature may be irritating to eyes and respiratory tract.

No reported incidents of adverse health affects resulting from inhalation of vapors at room temperature.

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INGESTION :

No hazard expected in normal industrial use. Do not eat, drink or smoke around chemicals.
Follow good hygiene practices.

SKIN :

Prolonged or repeated skin contact can cause irritation.
Allergic reaction have not been reported for this formulation.
Will not be absorbed through skin.

EYE :

Substance may cause severe eye irritation.
Medical Conditions Aggravated by Exposure :
Medical condition associated with target organs may be aggravated by exposure.

Carcinogenicity :

IARC : No
NTP : No
OSHA : No

SECTION IV - FIRST AID MEASURES

INGESTION :

Call poison control center immediately. Follow their specific instructions.

SKIN :

Wash with soap and water. Contact a physician if irritation develops or persists.

EYE :

Hold eyelids apart and flush with plenty of water for at least 15 minutes. Seek medical attention.

SECTION V - FIRE-FIGHTING MEASURES

Flammability Class (OSHA) : IIIB
Flash Range : Not Applicable
Explosive Range : Not Applicable

EXTINGUISHING MEDIA :

Use alcohol foam, carbon dioxide, or water spray when fighting fires involving this product.

HAZARDOUS COMBUSTION PRODUCTS :

Oxides of carbon may be released during combustion.

FIRE FIGHTING PROCEDURES :

Wear a NIOSH/MSHA approved self-contained breathing apparatus.

SECTION VI - ACCIDENTAL RELEASE MEASURES

CONTAINMENT TECHNIQUES :

Use suitable absorbent to dike the spill.

CLEAN-UP :

If possible pump liquid into an approved container or spread absorbent over spill and shovel (use non-sparking equipment) product/absorbent mixture into an approved container. If product has dried, scrape up and place in an approved container.

EMERGENCY MEASURES :

None Required.

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SECTION VII - HANDLING & STORAGE

HANDLING :

Open container in well ventilated area.

Avoid breathing vapors from the headspace of containers.

Empty drums should be completely drained, properly bunged and promptly returned to a reconditioner, or properly disposed of.

Keep lid closed when not in use.

Wash hands before eating.

Remove contaminated clothing and wash before reuse.

Use only in well ventilated area.

Always use with positive cross-ventilation.

Follow all MSDS / Label precautions even after container is emptied.

Containers may retain product residues and vapors.

Avoid prolonged or repeated contact with the skin.

STORAGE :

Keep away from freezing.

Keep away from food and drinking water

Store at temperature between 50 °F and 90 °F

SECTION VIII - EXPOSURE CONTROLS / PERSONAL PROTECTION

Occupational Exposure Limits

ACGIH TLV	ACGIH TLV-C	ACGIH STEL	OSHA STEL	OSHA PEL
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ENGINEERING CONTROLS :

Use local exhaust as needed to maintain occupational exposure limits.

Maintain standard plant ventilation.

OTHER :

Facilities storing or utilizing any chemical should be equipped with an eyewash facility and a safety shower.

RESPIRATORY PROTECTION :

Where exposure limits are exceeded select a NIOSH/MSHA approved respirator with appropriate Protection Factor and Cartridge for the specific containment's for respiratory protection in OSHA 1910.134.

EYE PROTECTION :

Wear splashproof safety eye protection if splashing or misting of product may occur.

SKIN PROTECTION :

Where repeated or prolonged contact can occur, wear impervious gloves.

SECTION IX - PHYSICAL & CHEMICAL PROPERTIES

Form	: Liquid
Appearance /Color	: Yellow
Odor	: Mild
Solubility (in water)	: Dispersible in water

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pH Value	: 4 ± 1
Boiling Range	: 100 °C
Evaporation Rate	: Faster than n-Butyl Acetate
% Volatile	: $50 \pm 2\%$
Specific Gravity	: 1.08

SECTION X - STABILITY & REACTIVITY

Stability	: This product is stable
Hazardous Polymerization	: Hazardous polymerization will not occur

CONDITIONS TO AVOID :

None

INCOMPATIBILITY :

Strong acids and bases.

HAZARDOUS DECOMPOSITION PRODUCTS :

Oxides of carbon and monomer may be released during combustion.

SECTION XI - TOXICOLOGICAL INFORMATION

Acute - This product has not been tested for acute toxicity. Based on toxicity information for the components, this product should be considered an irritant to skin, eyes and the respiratory tract. Based on information for the components, this formulation is not considered highly toxic by ingestion. There is not information on this formulation pertaining to sensitization in susceptible individuals.

Acute and chronic health effects are not expected as long as good industrial hygiene and safety precautions are followed.

SECTION XII - ECOLOGICAL INFORMATION

This formulation has not been tested for environmental effects.

SECTION XIII - DISPOSAL CONSIDERATIONS

WASTE DISPOSAL :

Disposal of this product must comply with all applicable federal, state and local regulations.

CONTAINER DISPOSAL :

Disposal of this container should comply with all applicable federal, state and local regulations.

SECTION XIV - TRANSPORT INFORMATION

UN Number	: NOI
UN Pack Group	: N/A
UN Class	: N/A
ICAO/IATA Class	: Nonhazardous (see note *)
IMDG Class	: Nonhazardous

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Shipping Name : PRESTO DN

* Packaging is not approved for shipping by air. Please contact Pt. Polychemie Asia Pacific Permai

SECTION XV - REGULATORY INFORMATION

All hazardous substances that comprise 1% or more this mixture and special hazardous substances that comprise .01% or more are listed in section II above. Nonhazardous components that comprise 3% or more are trade secrets, except water (7732 - 18 - 5)

SECTION XVI - OTHER INFORMATION

REVISION SUMMARY :

MSDS revised to follow 16 section format.

DISCLAIMER :

While the information and recommendation set forth herein are believed to be accurate as of the data hereof, Pt. Polychemie Asia Pacific Permai makes no warranty, express or implied, with respect thereto and disclaims all liability from reliance thereon.