



## SAFETY DATA SHEET

### H.B. Fuller® PD-0461

Version 1.2

Revision Date 11/24/2021

#### SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product name : H.B. Fuller® PD-0461  
Product code : 100000002505

##### Manufacturer or supplier's details

Company : H.B. Fuller Company  
Address : 1200 Willow Lake Boulevard  
Vadnais Heights, MN 55110  
Telephone : 1-888-423-8553

Medical Emergency Phone Number (24 Hours): 1-888-853-1758

Transport Emergency Phone Number (CHEMTREC): 1-800-424-9300

##### Recommended use of the chemical and restrictions on use

Recommended use : Water based adhesive  
Restrictions on use : For industrial use only.

#### SECTION 2. HAZARDS IDENTIFICATION


##### Emergency Overview

Appearance	liquid
Color	white
Odor	ammoniacal

##### GHS Classification

Skin irritation : Category 2  
Eye irritation : Category 2A  
Skin sensitization : Category 1

##### GHS label elements

Hazard pictograms : 

Signal Word : Warning

##### Hazard Statements:



## SAFETY DATA SHEET

### H.B. Fuller® PD-0461

Version 1.2

Revision Date 11/24/2021

H315 Causes skin irritation. H317 May cause an allergic skin reaction. H319 Causes serious eye irritation.

#### Precautionary Statements:

**Prevention:** P261 Avoid breathing dust/ fume/ gas/ mist/ vapors/ spray. P264 Wash skin thoroughly after handling. P272 Contaminated work clothing should not be allowed out of the workplace. P280 Wear protective gloves/ eye protection/ face protection.

**Response:** P302 + P352 IF ON SKIN: Wash with plenty of soap and water. P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P333 + P313 If skin irritation or rash occurs: Get medical advice/ attention. P337 + P313 If eye irritation persists: Get medical advice/ attention. P362 Take off contaminated clothing and wash before reuse.

**Disposal:** P501 Dispose of contents/ container to an approved waste disposal plant.

#### Potential Health Effects

#### Carcinogenicity:

##### IARC

No ingredient of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

##### OSHA

No component of this product present at levels greater than or equal to 0.1% is on OSHA's list of regulated carcinogens.

##### NTP

No ingredient of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

## SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture : Mixture

#### Hazardous ingredients

Chemical name	CAS-No.	Concentration [%]
Ethoxylated nonylphenol phosphate	51811-79-1	1 - 3
Polyoxyethylene nonylphenol branched ether phosphate	68412-53-3	1 - 3
ALKYL MALEATE ESTERS	Not Assigned	0.1 - 1

## SECTION 4. FIRST AID MEASURES

General advice : Show this material safety data sheet to the doctor in attendance.

If inhaled : Move to fresh air.  
If symptoms persist, call a physician.

In case of skin contact : Wash off with soap and water.



## SAFETY DATA SHEET

### H.B. Fuller® PD-0461

Version 1.2

Revision Date 11/24/2021

- 
- |                        |  |
|------------------------|--|
| In case of eye contact | : Flush eyes with water at least 15 minutes. Get medical attention if eye irritation develops or persists.         |
| If swallowed           | : Do not induce vomiting. Seek medical attention if symptoms develop. Provide medical care provider with this SDS. |
- 

#### SECTION 5. FIRE-FIGHTING MEASURES

- |                                       |   |
|---------------------------------------|---|
| Suitable extinguishing media          | : Not combustible.<br>Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. |
| Unsuitable extinguishing media        | : none  |
| Specific hazards during fire fighting | : Cool closed containers exposed to fire with water spray.  |
| Specific extinguishing methods        | :   |
| Further information                   | : This product is an aqueous mixture that will not burn. Dried product film will burn in a fire.                              |
- 

#### SECTION 6. ACCIDENTAL RELEASE MEASURES

- |   |  |
|---|--|
| Personal precautions, protective equipment and emergency procedures | : Refer to protective measures listed in sections 7 and 8.   |
| Environmental precautions   | : No special environmental precautions required.<br>Prevent product from entering drains.                |
| Methods and materials for containment and cleaning up               | : Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). |
- 

#### SECTION 7. HANDLING AND STORAGE

- |                             |   |
|-----------------------------|---|
| Advice on safe handling     | : No special precautions are needed in handling this material.              |
| Conditions for safe storage | : Keep container closed when not in use.<br>Keep in a dry, cool place.      |
| Materials to avoid          | : Do not freeze.<br>No special restrictions on storage with other products. |
-



## SAFETY DATA SHEET

### H.B. Fuller® PD-0461

Version 1.2

Revision Date 11/24/2021

Storage temperature :  $\geq 40$  °F

## SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Ingredients with workplace control parameters

Contains no substances with occupational exposure limit values.

-

### Personal protective equipment

Respiratory protection : No personal respiratory protective equipment normally required.  
In case of insufficient ventilation, wear suitable respiratory equipment.

Hand protection

Material : Nitrile rubber

Remarks : For prolonged or repeated contact use protective gloves.

Eye protection : Safety glasses

Protective measures : No special protective equipment required.

## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance : liquid

Color : white

Odor : ammoniacal

Odor Threshold : No data available

pH : 9.0 - 9.5

Melting point/freezing point : 32 °F

Boiling point/boiling range : 212 °F

Flash point : Not applicable

Evaporation rate : is not determined

Flammability (solid, gas) : Not classified as a flammability hazard

Upper explosion limit : Upper flammability limit is not determined

Lower explosion limit : Lower flammability limit



## SAFETY DATA SHEET

### H.B. Fuller® PD-0461

Version 1.2

Revision Date 11/24/2021

	is not determined
Vapor pressure	: is not determined
Relative vapor density	: is not determined
Density	: 8.800 - 9 lb/gal
Solubility(ies)	
Water solubility	: dispersible
Partition coefficient: n-octanol/water	: No data available
Autoignition temperature	: is not determined
Viscosity	
Viscosity, dynamic	: 100 - 1,500 cP
Solid Content, % by weight:	: 50 - 52
VOC, % by weight	: 0.1

#### SECTION 10. STABILITY AND REACTIVITY

Chemical stability	: The product is chemically stable.
Possibility of hazardous reactions	: Hazardous polymerization does not occur.
Hazardous decomposition products	: Stable under normal conditions.

#### SECTION 11. TOXICOLOGICAL INFORMATION

##### Acute toxicity

No data available

##### Skin corrosion/irritation

No data available

##### Serious eye damage/eye irritation

No data available

##### Respiratory or skin sensitization

No data available

##### Germ cell mutagenicity

No data available

##### Carcinogenicity



## SAFETY DATA SHEET

### H.B. Fuller® PD-0461

Version 1.2

Revision Date 11/24/2021

No data available

#### Reproductive toxicity

No data available

#### STOT-single exposure

No data available

#### STOT-repeated exposure

No data available

#### Aspiration toxicity

No data available

## SECTION 12. ECOLOGICAL INFORMATION

#### Ecotoxicity

No data available

#### Persistence and degradability

No data available

#### Bioaccumulative potential

#### Mobility in soil

No data available

#### Other adverse effects

No data available

## SECTION 13. DISPOSAL CONSIDERATIONS

#### Disposal methods

Waste from residues

: To the best of our knowledge, this product does not meet the definition of hazardous waste under the U.S. EPA Hazardous Waste Regulations 40 CFR 261. Solidify and dispose of in an approved landfill. Consult state, local or provincial authorities for more restrictive requirements.  
The hazard and precautionary statements displayed on the label also apply to any residues left in the container.



## SAFETY DATA SHEET

### H.B. Fuller® PD-0461

Version 1.2

Revision Date 11/24/2021

#### SECTION 14. TRANSPORT INFORMATION

##### International Regulations

###### UNRTDG

Not regulated as a dangerous good

###### IATA-DGR

Not regulated as a dangerous good

###### IMDG-Code

Not regulated as a dangerous good

##### Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable for product as supplied.

##### Domestic regulation

###### 49 CFR

Not regulated as a dangerous good

#### SECTION 15. REGULATORY INFORMATION

**SARA 311/312 Hazards** : Skin corrosion or irritation  
Serious eye damage or eye irritation  
Respiratory or skin sensitization

**SARA 302** : This material does not contain any components with a section 302 EHS TPQ.

**SARA 313** : This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

##### Clean Air Act

This product does not contain any hazardous air pollutants (HAP), as defined by the U.S. Clean Air Act Section 112 (40 CFR 61).

##### US State Regulations

**California Prop 65** Please contact Supplier for more information.

The ingredients of this product are reported in the following inventories:



## SAFETY DATA SHEET

### H.B. Fuller® PD-0461

Version 1.2

Revision Date 11/24/2021

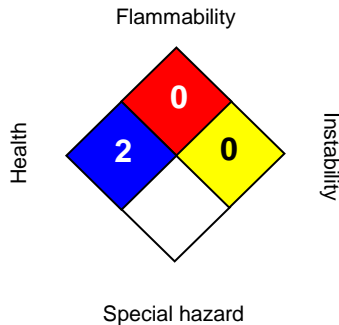
**TSCA** All substances listed as active on the TSCA inventory  
**AIIC** On the inventory, or in compliance with the inventory  
**DSL** All components of this product are on the Canadian DSL  
**ENCS** On the inventory, or in compliance with the inventory  
**KECI** On the inventory, or in compliance with the inventory  
**PICCS** On the inventory, or in compliance with the inventory  
**IECSC** On the inventory, or in compliance with the inventory  
**Inventories Legend** TSCA (USA), DSL (Canada), REACH(Europe), AIIC (Australia), NZIoC (New Zealand), ENCS (Japan), KECI (Korea), PICCS (Philippines), IECSC (China), TWINV (Taiwan)

### SECTION 16. OTHER INFORMATION

Prepared by: Global Regulatory Office - phone: 1-651-236-5842 - email: msds.request@hbfuller.com

#### Further information

#### NFPA:



#### HMIS III:

<b>HEALTH</b>	<b>2</b>
<b>FLAMMABILITY</b>	<b>0</b>
<b>PHYSICAL HAZARD</b>	<b>0</b>

0 = not significant, 1 =Slight,  
 2 = Moderate, 3 = High  
 4 = Extreme, \* = Chronic

The information and recommendations set forth herein are believed to be accurate. Because some of the information is derived from information provided to the H.B. Fuller Company from its suppliers, and because the H.B. Fuller Company has no control over the conditions of handling and use, the H.B. Fuller Company makes no warranty, expressed or implied, regarding the accuracy of the data or the results to be obtained from the use thereof. The information is supplied solely for your information and consideration, and the H.B. Fuller Company assumes no responsibility for use or reliance thereon. It is the responsibility of the user of H.B. Fuller Company products to comply with all applicable federal, state and local laws and regulations.