

# Material Safety Data Sheet

## P400H

### 1. Identification of the substance/preparation and the company

<b>Product Name:</b>	<b>P400H Polyurethane Sealant</b>
<b>Applications:</b>	<b>Structural Bonding</b>
<b>Manufacturer/Supplier:</b>	PEGUS SYSTEMS
<b>Add:</b>	8081 Commerce Road, Commerce Township, MI, USA
<b>Post code:</b>	48382
<b>Tel:</b>	1 248 669 8100
<b>Fax:</b>	1 248 669 2804
<b>Information</b>	
<b>department:</b>	Environment Protection Department
<b>Emergency</b>	
<b>information:</b>	CHEMTREC-DAY and night Phone: 800-424-9300

### 2. Composition /information on ingredients

#### INGREDIENTS:

Chemical Name:	CAS Number:	Proportion:
Polyurethane Prepolymer	63439-95-2	40 – 60 %
Dinonyl Phthalate	28553-12-0	15 – 30 %
Calcium Carbonate	19569-21-2	10 – 25%

### 3. Hazards identification

Hazards identification

Non harmful

Information on hazards to man and to the environment

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May cause sensitization by inhalation

### 4. First-aid measures

#### General instructions

In any case show the physician the Material Safety Data Sheet

#### Eye Contact

In case of contact with the eyes, rinse immediately for at least 15 minutes with plenty of water. Summon a doctor immediately.

### **Skin Contact**

In case of contact with skin wash off immediately with soap and water. Consult a doctor if skin irritation persists.

### **Inhalation**

In the event of symptoms take medical treatment.

### **Ingestion**

Do not induce vomiting. Summon a doctor immediately.

## **5. Fire-fighting measures**

Suitable Extinguishing Media:	Compostable with all usual extinguishing media
In the event of fire the following can be released:	Carbon monoxide (CO) Carbondioxide (CO <sub>2</sub> ) Hydrogen chloride (HCl) Nitrogen oxides (NO <sub>x</sub> )
Other information:	Fire residues and contaminated firefighting medium must be disposed of in accordance with the local regulations. Collect contaminated firefighting water separately, must not be discharged into the drains.

## **6. Accidental release measures**

Personal precautions:	Ensure adequate ventilation. Use personal protective clothing. Use breathing apparatus if exposed to vapours/dust/aerosol.
Environmental precautions:	Do not allow to enter drains or waterways. In case of entry into waterways, soil or drains, inform the responsible authorities.
Procedures for cleaning up	Pick up with absorbent material (e.g. sand, sawdust, general-purpose binder). When picked up, treat material as prescribed under heading "Disposal".

## **7. Handling and storage**

### **Handling**

Instructions for safe handling	Personal protective equipment.
Instructions for fire and explosion protection	Not applicable.

### **Storage**

Requirements for storage rooms and containers	Keep container tightly closed and dry in a cool, well-ventilated place.
Combined storage instructions	Keep away from food, beverages and animal feedstocks.
Additional information regarding storage	Protect from frost. Protect from heat and direct sunlight. Protect from atmospheric moisture and water.

## 8. Exposure controls /Personal protection

### Personal Protection Equipment:

General protective and hygiene measures:	Take care for sufficient ventilation or exhaust on the workshop place. Avoid contact with eyes and skin Use barrier skin cream. Remove soiled or soaked clothing immediately. Do not eat, drink or smoke during work time. Wash hands before breaks and after work.
Respiratory protection:	In case of insufficient ventilation. Multi-purpose filter ABEK Class of vapour filter is depending on pollutant concentration on the scene.
Eye protection:	Safety glasses
Hand protection:	Butyl rubber/nitrile rubber gloves
Body protection:	Working clothes

## 9. Physical and chemical properties

<b>Physical State:</b>	Pasty	<b>Color</b>	black
<b>Odor:</b>	Characteristic	<b>Viscosity at 25°C</b>	not applicable
<b>Flash Point</b>	> 65°C	<b>Density at 20°C:</b>	Approx. 1.26g/cm <sup>3</sup>
<b>Solubility in Water:</b>	Reacts with water	<b>VOC(solvents):</b>	≤ 1%

## 10. Stability and reactivity

### Materials to avoid/dangerous reactions

No hazardous reactions when stored and handled according to prescribed instructions.

### Thermal decomposition and hazardous decomposition products

No decomposition if used as prescribed.

## 11. Toxicological information

### Sensitization

Sensitization/allergic reaction possible.

Allergic reaction can may be observed in sensitive persons, even on very low concentrations.

### Experience on humans

Skin contact:	May cause irritation.
Eyes contact:	May cause irritation.
Inhalation:	May cause irritation.
Swallowed:	May cause health disorders.

## 12. Ecological information

### Additional information

Do not allow to enter waste water drain, waterways or soil.

## 13. Disposal considerations

### Packaging

Completely emptied packagings can be given for recycling.

Packaging that cannot be cleaned should be disposed of as product waste.

## 14. Transport information

ADR/RID : No dangerous goods

IMO/IMDG : No dangerous goods

IATA/ICAO : No dangerous goods

## 15. Regulatory information

### Labelling according to EEC Directive

The product is classified and labelled in accordance with

EC directives/the relevant national laws.

Relevant hazardous ingredients for labelling

Contains: 4,4-methylenediphenyl diisocyanate

Symbol(s): Xn : Harmful.

Hazardous product: Dichloromethane (EC Nr. : 200-838-9).

Diphenylmethane diisocyanate (MDI).

R Phrase(s): R 42 : May cause sensitization by inhalation and skin contact.

S Phrase(s): S 23 : Do not breathe gas/fumes/vapour/spray

S 45: In case of accident or if you feel unwell, seek medical advice immediately (show the label when possible)

### Special labelling for certain preparations

Contains isocyanates. Observe manufacturer's instructions.

## 16. Other information

**Recommended uses:** Primer.

### R Phrases:

R 10: Flammable.

R 20: Harmful by inhalation.

R 20/21: Harmful by inhalation and in contact with skin.

R 36/37/38: Irritating to eyes, respiratory system and skin.

- R 38: Irritating to skin.
- R 42/43: May cause sensitization by inhalation and skin contact.
- R 51/53: Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
- R 65: Harmful: may cause lung damage if swallowed.
- R 66: Repeated exposure may cause skin dryness or cracking.
- R 67: Vapours may cause drowsiness and dizziness

## **NOTE**

The information presented herein is believed to be factual as it has been derived from the works and opinions of persons believed to be qualified experts; however, nothing contained in this information is to be taken as a warranty or representation for which Pegus Systems bears legal responsibility. The user should review any recommendations in the specific context of the intended use to determine whether they are appropriate.