

# SAFETY DATA SHEET

## acc. to OSHA HCS

Printing Date 09/13/2018

Revision Date 09/13/2018

### 1 Identification

· **Product Identifier**

· **Trade Name:** WP-70 - Part A (for all colors)

· **Article number:** 3001

· **Relevant identified uses of the substance or mixture.** Non-skid floor coating

**Description:** Part A of a two component solvent free non-skid epoxy mixture in various colors

· **Details of the supplier of the safety data sheet**

· **Manufacturer/Supplier:**

Wooster Products, Inc.  
1000 Spruce Street  
Wooster, OH 44691  
Phone Number: 1-800-321-4936/330-264-2844

· **Information department :** [sales@wooster-products.com](mailto:sales@wooster-products.com)

· **Contact for the safety data sheet:** Guliz Elliott

· **Emergency telephone number:** Chem-Trec: 1-800-424-9300

### 2. Hazards identification

· **Classification of the substance or mixture**



GHS07



GHS09

· **Label elements**

· **GHS label elements** The product is classified and labeled according to the Globally Harmonized System (GHS).

· **Hazard pictograms GHS07 Signal Word: Warning**

GHS Hazard Class/Category	Code	Description
Skin Irrit., Category 2	H315	Causes skin irritation
Skin Sensitisation, Category 1	H317	May cause an allergic skin reaction
Eye Irrit. Category 2A	H319	Causes serious eye irritation
Toxic to Aquatic Environment Chronic Toxicity Category 2	H411	Harmful to aquatic life with long lasting effects

· **Precautionary statements**

If medical advice is needed, have product container or label at hand.

Keep out of reach of children.

Read label before use.

P261 Avoid breathing dust/fume/gas/mist/vapors/spray.

P264 Wash thoroughly after handling

P280 Wear protective gloves/protective clothing/eye protection/face protection.

P303 IF ON SKIN:

P352 Wash with plenty of soap and water

P333 If skin irritation or rash occurs:

P313 Get medical advice/attention

P362 Take off contaminated clothing and wash before use.

(Contd. on page 2)

# SAFETY DATA SHEET

## acc. to OSHA HCS

Printing Date 09/13/2018

Revision Date 09/13/2018

<b>Trade Name: WP 70 - Part A</b>
-----------------------------------

(Contd. of page 1)

- P304 IF INHALED:
- P340 Remove victim to fresh air and keep at rest in a position comfortable for breathing.
- P305 IF IN EYES:
- P351 Rinse cautiously with water for several minutes.
- P338 Remove contact lenses, if present and easy to do. Continue rinsing.
- P501 Dispose off contents/container in accordance with local/regional/federal regulations.

- **Classification system:**

- **NFPA rating (scale 0 - 4)**

- Health = 2
- Fire = 1
- Reactivity = 0

- **HMIS-rating (scale 0-4)**

- Health = 2
- Fire = 1
- Physical hazards = 0

- **Other hazards**

- **PBT/vPvB:** not applicable

### 3 Composition/information on ingredients

- **Chemical characterization:** Mixtures

- **Description:** Mixture

- **Hazardous components:**

Epoxy Resin	25068-38-6	30 - 40 %
1344-28-1	Fused Aluminum Oxide	60 - 70 %

### 4 First-aid measures

- **After Inhalation:**

Remove victim to fresh air and provide oxygen if breathing is difficult. Give artificial respiration if not breathing and seek medical help immediately.

- **After Skin Contact:**

Immediately remove contaminated clothing or shoes, wipe excess from skin and flush with plenty of water at least 15 minutes. Use soap if available or follow washing with soap and water. Do not reuse clothing until thoroughly cleaned.

- **After Eye Contact:**

Immediately flush eyes with plenty of water for at least 15 minutes while holding eyelids open and seek medical attention.

- **After Ingestion:**

Do not give any liquids (do not induce vomiting) if victim is unconscious or very drowsy. Get medical help immediately.

- **Information for doctor:**

- **Most important symptoms and effects, both acute and delayed.** No further relevant information available.

- **Indication of any immediate medical attention and special treatment needed**

No further relevant information available.

(Cont. on page 3)

# SAFETY DATA SHEET

## acc. to OSHA HCS

Printing Date 09/13/2018

Revision Date 09/13/2018

Trade Name: WP 70 - Part A

(Cont. of page 2)

### 5 Fire-fighting measures

**· Extinguishing media**

**· Suitable extinguishing agents:**

CO<sub>2</sub>, extinguishing powder, or water spray.

Use fire-fighting measures that suit the environment. Use dry chemical, CO<sub>2</sub>, foam or water fog.

**· Special fire-fighting procedures and precautions:**

Full emergency equipment with self-contained breathing apparatus and full protective clothing should be worn by fire fighters.

Do not enter a confined space without full bunker gear, including a positive pressure NIOSH approved self-contained breathing apparatus.

During fire, irritating and toxic gases may be generated by thermal decomposition or combustion.

### 6 Accidental release measures

**· Personal precautions protective equipment and emergency procedures**

Wear protective equipment. Keep unprotected persons away.

Ensure adequate ventilation.

**· Environmental precautions:** Do not allow to enter sewers/ surface or ground water.

**· Methods and material for containment and cleaning up :**

Remove all sources of ignition and ventilate area. Dike and contain spilled material and control further spillage if feasible. Cover spill with liquid-binding material (clay, sand, sawdust, vermiculite, Fullers earth or other suitable absorbent). Collect material in non-leaking containers and seal tightly for disposal.

Dispose of contaminated material as waste in accordance with federal, state and local regulations.

**· Reference to other sections**

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information

### 7 Handling and storage

**· Handling:**

Handle in accordance with good industrial hygiene and safety practices. These practices include avoiding unnecessary exposure and removal of the material from eyes, skin and clothing. Employee education and training in the safe use and handling of this material are required under the OSHA Hazard Communication Standard. Use with adequate ventilation.

**· Storage :**

Store indoors in a cool dry location away from heat, sparks and flame.

**· Information about storage in one common storage facility:** Store away from oxidizing agents.

**· Further information about storage conditions:**

Keep containers tightly closed when not in use.

### 8 Exposure controls/personal protection

**· Control parameters**

**· Components with limit values that require monitoring at the workplace :**

(Cont. on page 4)

# SAFETY DATA SHEET

## acc. to OSHA HCS

Printing Date 09/13/2018

Revision Date 09/13/2018

Trade Name: WP 70 - Part A

Contd. of page 3)

- **Additional information:** The lists that were valid during the creation were used as basis.
- **Exposure controls**
- **Personal protective equipment (see listings below)**
- **General protective and hygienic measures :**  
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 the eyes and skin.
- **Respiratory protection:**  
Avoid breathing of vapors which may be produced under some conditions such as heating or
- **Protection of hands :**  
Protective gloves.  
The glove material has to be impermeable and resistant to the produce/the substance/the preparation (examples: Nitrile rubber, NBR, Chloroprene rubber, CR)  
The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.
- **Eye protection:**  
Safety glasses with side shields.  
Tightly sealed goggles or face shield.
- **Body protection:** Protective work clothing.

### 9 Physical and chemical properties

- **Information on basic physical and chemical properties**
  - **General information**
  - **Appearance**

Form:	Liquid
Color:	Various, product specific
  - **Odor:** Characteristic
  - **Odor threshold:** Not determined
  - **pH-value:** Not determined
  - **Change in condition**
  - **Melting point:** Not determined
  - **Boiling point:** Not determined
  - **Flash point:** > 200 ° F (PMCC)
  - **Flammability limits:**

UEL %	Not established
LEL %	Not established
  - **Auto ignition temperature:**
  - **Decomposition temperature :** Not determined
- Note: These physical data are typical values based on material tested but may vary from sample to sample.

(Contd. on page 5)

## SAFETY DATA SHEET

### acc. to OSHA HCS

*Printing Date 09/13/2018*

*Revision Date 09/13/2018*

**Trade Name:** WP 70 - Part A

<b>· Auto Ignition:</b>	Product is not self-igniting	(Contd. of page 4)
<b>· Danger of explosion:</b>	Product does not present an explosion hazard	
<b>· Flammable limits:</b>		
· Lower:	Not determined	
· Upper:	Not determined	
<b>· Vapor pressure:</b>	Not determined	
<b>· Weight per gallon at 20 ° (68 ° F) :</b>	20.5 lbs/gal	
<b>· Vapor density :</b>	Heavier than air	
<b>· Evaporation rate :</b>	Not determined	
<b>· Solubility in/Miscibility with Water:</b>	Not miscible or difficult to mix.	
<b>· Partition coefficient (n-octanol/water):</b>	Not determined	
<b>· Viscosity:</b>		
Dynamic:	Not determined	
Kinematic:	Not determined	
<b>· Solvent content :</b>		
Organic solvents:	0.0 %	
VOC (Per EPA 24):	Part A + Part B = 12 g/L, Part A (calc) = 15.3 g/L	
<b>· Other information</b>	No further relevant information available.	

### ***10 Stability and reactivity***

- Reactivity**
- Chemical stability:** Product is stable under normal conditions of storage and handling.
- Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
- Possibility of hazardous reactions:** Not reactive, as supplied.
- Conditions to avoid:** Exposures to high temperatures.
- Incompatible materials:** Reacts with oxidizing agents.
- Materials to avoid:** Lewis or mineral acids, organic bases such as primary and secondary aliphatic amines, oxidizing agents, curing agents- Considerable heat may be generated.
- Hazardous decomposition products:** Carbon monoxide and carbon dioxide, aldehydes

### ***11 Toxicological information***

- Information on toxicological effects**
- Acute toxicity :**
- Primary irritant effect :**
- on the skin:** skin irritant
- on the eye:** irritating effect
- Sensitization:** Skin contact - Sensitization possible through skin contact.
- Additional toxicological information:**

(Contd. on page 6)

## SAFETY DATA SHEET

### acc. to OSHA HCS

*Printing Date 09/13/2018*

*Revision Date 09/13/2018*

**Trade Name: WP 70 - Part A**

(Contd. of page 5)

**. The product shows the following dangers according to internally approved calculation methods for preparations:** Irritant

**. Chronic studies:** Recent 2 year bioassays in mice exposed by the dermal route to the diglycidyl ether of bisphenol A have yielded very limited evidence of weak carcinogenicity. The renal tumor evidence "was of no biological significance" and that the resin is not a systemic carcinogen when applied to the dorsal skin of CF1 mice". Based on this, the International Agency for Research on Cancer (IARC) concluded that DGEBA was not classifiable as carcinogen (IARC Group 3) based on the following: Human and Animal Evidence – Inadequate. DGEBA have proved to be inactive when tested by in vivo mutagenicity assays. They have shown activity in vitro microbial mutagenicity screening tests and have produced chromosomal aberrations in cultured rat liver cells. The significance of this information to humans is unknown.

**. Carcinogenic categories**

**. IARC (International Agency for Research on Cancer)**

None of the ingredients listed

**. NTP (National Toxicology Program)**

None of the ingredients listed

### *12 Ecological information*

**. Toxicity**

**. Aquatic toxicity:** Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

**. Persistence and degradability:** No further relevant information available.

**. Behavior in environmental systems:**

**. Bioaccumulative potential:** No further relevant information available.

**. Mobility in soil:** No further relevant information available.

**. Ecotoxicological effects:**

**. Remark:** Toxic for fish.

**. Additional ecological information :**

**. General notes:** At present there is no ecotoxicological assessment.

**. Results of PBT and vPvB assessment**

**. PBT:** Not applicable.

**. VpVb:** Not applicable.

**. Other adverse effects:** No further relevant information available.

### *13 Disposal considerations*

**. Waste treatment methods**

**. Recommendation:** Waste must be disposed of in accordance with federal, state, and local environmental control regulations. Incineration is the preferred method.

**. Uncleaned packagings:**

**. Recommendation:** Empty containers must be handled with care due to product residue. Disposal must be made according to official regulations. Do not heat or empty containers with electric or gas torch.

**. Controlled incineration or bury in legal landfill.**

(Contd. on page 7)

# SAFETY DATA SHEET

## acc. to OSHA HCS

Printing Date 09/13/2018

Revision Date 09/13/2018

Trade Name: WP 70 - Part A

(Contd. of page 6)

### 14 Transport information

- . US Ground (DOT) Not regulated
- . Proper Shipping Name: Plastic liquid, Nos. (Not regulated by DOT)
- . Hazard Class or Division: None (Non Hazardous by DOT Regulation)
- . Packing Group: PG III
- . Hazard Label(s): None
- . Hazard Placard(s): None

**INTERNATIONAL MARITIME DANGEROUS GOODS CODE (IMDG):**
**PROPER SHIPPING NAME :** ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID N.O.S. (Epoxy resin)

**HAZARD CLASS OR DIVISION :** 9

**IDENTIFICATION NUMBER :** UN 3082

**PACKING GROUP :** PG III

**INTERNATIONAL AIR TRANSPORTATION (ICAO/IATA)**
**PROPER SHIPPING NAME :** ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID N.O.S. (Epoxy resin)

**HAZARD CLASS OR DIVISION :** 9

**IDENTIFICATION NUMBER :** UN 3082

**PACKING GROUP :** PG III

### 15 Regulatory information

- . Safety, health and environmental regulations specific for the substance or mixture

**. SARA TITLE III**

- . Section 355 (extremely hazardous substances) :

None of the ingredients is listed.

**. SARA TITLE III**

- . Section 311/312 Hazard Categories: Immediate (acute) health hazard. None of the ingredients is listed.

**. SARA TITLE III**

- . Section 313 (Specific toxic chemical listings): None of the ingredients is listed

**. TSCA (Toxic Substances Control Act)**

- . TSCA (Toxic Substances Control Act); All components of this product are on the TSCA Inventory or are exempt from TSCA Inventory requirements.

**. Proposition 65: Chemicals known to cause cancer:**

- . Epichlorohydrin

(Contd. on page 8)

# SAFETY DATA SHEET

## acc. to OSHA HCS

*Printing Date 09/13/2018*

*Revision Date 09/13/2018*

**Trade Name: WP 70 - Part A**

(Contd. of page 7)

. Chemicals known to cause reproductive toxicity:  
Epichlorohydrin

. (DSL) Canada Domestic Substance List

All components of this product are on the DSL (Canada Domestic Substance List) or are exempt from DSL.

. Carcinogenicity categories

. EPA (Environmental Protection Agency)

None of the ingredients listed

. TLV (Threshold limit value established by ACGIH)

Fused Aluminum Oxide

5 mg/m3 Respiratory Dust, 10 mg/m3 TWA

. National regulations:

. Water hazard class: Water hazard class 2 (Self-assessment): hazardous for water.

. Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

### ***16 Other information***

Although the information and recommendations contained in this SDS are presented in good faith and are believed to be correct as the date of this SDS, Wooster Products makes no representations as to the completeness or accuracy thereof. Final determination of suitability of any material is the sole responsibility of the user. In no event will Wooster Products or any affiliate thereof be responsible for damages of any nature whatsoever resulting from the use or reliance on the information set forth in the SDS.

. Abbreviations and acronyms:

DOT : US Department of Transportation.

NFPA : National Fire Protection Association (USA).

HMS : Hazardous Materials Identification Systems.