JH Series Sleeper Chair by Durfold Corp

Health Product Declaration v2.2
created via: HPDC Online Builder

HPD UNIQUE IDENTIFIER: 20443
CLASSIFICATION: Healthcare Seating
PRODUCT DESCRIPTION: A durable and comfortable hospital grade sleeper chair. This is a wall saver sleeper that extends outward into the room to convert to a bed. Internal steel bracing and reinforced wooden structure provide dependable performance. It is mounted on casters to provide mobility. Safety and ease of cleaning are key features.

Section 1: Summary

Basic Method / Product Threshold

CONTENT INVENTORY

Inventory Reporting Format
- Nested Materials Method
- Basic Method

Threshold Disclosed Per
- Material
- Product

Threshold level
- 100 ppm
- 1,000 ppm
- Per GHS SDS
- Other

Residuals/Impurities
- Considered
- Partially Considered
- Not Considered

All Substances Above the Threshold Indicated Are:

Characterized
- Yes Ex/SC
- Yes
- No

% weight and role provided for all substances except SC substances characterized according to SC guidance.

Screened
- Yes Ex/SC
- Yes
- No

All substances screened using Priority Hazard Lists with results disclosed except SC substances screened according to SC guidance.

Identified
- Yes Ex/SC
- Yes
- No

All substances disclosed by Name (Specific or Generic) and Identifier except SC substances identified according to SC guidance.

CONTENT IN DESCENDING ORDER OF QUANTITY

Summary of product contents and results from screening individual chemical substances against HPD Priority Hazard Lists and the GreenScreen for Safer Chemicals®. The HPD does not assess whether using or handling this product will expose individuals to its chemical substances or any health risk. Refer to Section 2 for further details.

INVENTORY AND SCREENING NOTES:
Special conditions applied: BiologicalMaterial
[LEED v4] "Yes ex/SC" result is due only to materials and substances for which Special Conditions were applied. Thus "Yes ex/SC" does not disqualify the product for the LEED v4 Materials and Resources Disclosure and Optimization credit, Option 1.

Upholstery and Arm Cap substances not included in Inventory since these choices are determined by the specifier.

Special Conditions applied: BiologicalMaterial

VOLATILE ORGANIC COMPOUND (VOC) CONTENT

VOC Content data is not applicable for this product category.

CERTIFICATIONS AND COMPLIANCE

See Section 3 for additional listings.

VOC emissions: N/A

CONSISTENCY WITH OTHER PROGRAMS

No pre-checks completed or disclosed.
<table>
<thead>
<tr>
<th>Third Party Verified?</th>
<th>Yes</th>
<th>No</th>
</tr>
</thead>
<tbody>
<tr>
<td>PREPARER:</td>
<td>Self-Prepared</td>
<td></td>
</tr>
<tr>
<td>VERIFIER:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>VERIFICATION #:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SCREENING DATE:</td>
<td>2020-06-10</td>
<td></td>
</tr>
<tr>
<td>PUBLISHED DATE:</td>
<td>2020-06-11</td>
<td></td>
</tr>
<tr>
<td>EXPIRY DATE:</td>
<td>2023-06-10</td>
<td></td>
</tr>
</tbody>
</table>

JH Series Sleeper Chair
hpdbpository.hpd-collaborative.org

HPD v2.2 created via HPDC Builder Page 2 of 11
This section lists contents in a product based on specific threshold(s) and reports detailed health information including hazards. This HPD uses the inventory method indicated above, which is one of three possible methods:

- Basic Inventory method with Product-level threshold.
- Nested Material Inventory method with Product-level threshold
- Nested Material Inventory method with individual Material-level thresholds

Definitions and requirements for the three inventory methods and requirements for each data field can be found in the HPD Open Standard version 2.1.1, available on the HPDC website at: www.hpd-collaborative.org/hpd-2-1-1-standard

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**JH SERIES SLEEPER CHAIR**

**PRODUCT THRESHOLD:** 100 ppm  
**RESIDUALS AND IMPURITIES CONSIDERED:** No

**RESIDUALS AND IMPURITIES NOTES:** No Residuals/Impurities have been considered in this analysis.

**OTHER PRODUCT NOTES:** Some of the substances listed in the Content Inventory appear in different locations within the product itself. Consequently the Inventory is the sum of each substance.

---

**SC: PINE WOOD**

**ID:** SC:Bio

**HAZARD SCREENING METHOD:** Pharos Chemical and Materials Library  
**HAZARD SCREENING DATE:** 2020-06-10

<table>
<thead>
<tr>
<th>%</th>
<th>42.2260</th>
<th>GS</th>
<th>Not Screened</th>
<th>RC</th>
<th>NANO</th>
<th>SUBSTANCE ROLE</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Structure component</td>
</tr>
</tbody>
</table>

**HAZARD TYPE**

**AGENCY AND LIST TITLES**

**WARNINGS**

Hazard Screening not performed

**SUBSTANCE NOTES:**

Version: SCBioMats/2018-02-23  
Category: Tree-based materials  
Identifier: Pinus echinata

This disclosure does not provide information on allergens, hyper-accumulation of metals, production of any toxic substances during normal metabolic activities, pesticides, and other potential hazards or sources of hazards which may be found in certain biological materials.

Pine wood is used as the major component giving the product shape and structure.

---

**STEEL**

**ID:** 12597-69-2

**HAZARD SCREENING METHOD:** Pharos Chemical and Materials Library  
**HAZARD SCREENING DATE:** 2020-06-10

<table>
<thead>
<tr>
<th>%</th>
<th>38.4250</th>
<th>GS</th>
<th>NoGS</th>
<th>RC</th>
<th>NANO</th>
<th>SUBSTANCE ROLE</th>
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</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Structure component</td>
</tr>
</tbody>
</table>

**HAZARD TYPE**

**AGENCY AND LIST TITLES**

**WARNINGS**

None found  
No warnings found on HPD Priority Hazard Lists

**SUBSTANCE NOTES:** Includes frame parts as well as hardware.
## Polyurethane Foams

<table>
<thead>
<tr>
<th>Substance</th>
<th>ID</th>
<th>HAZARD SCREENING METHOD</th>
<th>HAZARD SCREENING DATE</th>
<th>%</th>
<th>GS</th>
<th>RC</th>
<th>NANO</th>
<th>SUBSTANCE ROLE</th>
<th>WARNINGS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Polyurethane</td>
<td>9009-54-5</td>
<td>Pharos Chemical and Materials Library</td>
<td>2020-06-10</td>
<td>6.2870</td>
<td>LT-UNK</td>
<td>None</td>
<td>No</td>
<td>Cushioning</td>
<td>No warnings found on HPD Priority Hazard Lists</td>
</tr>
</tbody>
</table>

**SUBSTANCE NOTES:** Used as padding under upholstery.

---

## SC: Poplar Wood

<table>
<thead>
<tr>
<th>Substance</th>
<th>ID</th>
<th>HAZARD SCREENING METHOD</th>
<th>HAZARD SCREENING DATE</th>
<th>%</th>
<th>GS</th>
<th>RC</th>
<th>NANO</th>
<th>SUBSTANCE ROLE</th>
<th>WARNINGS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Poplar Wood</td>
<td>SC:Bio</td>
<td>Pharos Chemical and Materials Library</td>
<td>2020-06-10</td>
<td>5.1440</td>
<td>Not Screened</td>
<td>None</td>
<td>No</td>
<td>Structure component</td>
<td>Hazard Screening not performed</td>
</tr>
</tbody>
</table>

**SUBSTANCE NOTES:**

- Version: SCBioMats/2018-02-23
- Category: Tree-based materials
- Identifier: Polpulu alba

This disclosure does not provide information on allergens, hyper-accumulation of metals, production of any toxic substances during normal metabolic activities, pesticides, and other potential hazards or sources of hazards which may be found in certain biological materials.

Poplar wood is used in conjunction with pine wood to provide product shape and structure.

---

## Polyethylene

<table>
<thead>
<tr>
<th>Substance</th>
<th>ID</th>
<th>HAZARD SCREENING METHOD</th>
<th>HAZARD SCREENING DATE</th>
<th>%</th>
<th>GS</th>
<th>RC</th>
<th>NANO</th>
<th>SUBSTANCE ROLE</th>
<th>WARNINGS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Polyethylene</td>
<td>9002-88-4</td>
<td>Pharos Chemical and Materials Library</td>
<td>2020-06-10</td>
<td>2.8930</td>
<td>LT-UNK</td>
<td>UNK</td>
<td>No</td>
<td>Cushioning</td>
<td>No warnings found on HPD Priority Hazard Lists</td>
</tr>
</tbody>
</table>

**SUBSTANCE NOTES:** Used as padding to complement polyurethane padding.

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## Polyester Fibers

<table>
<thead>
<tr>
<th>Substance</th>
<th>ID</th>
<th>HAZARD SCREENING METHOD</th>
<th>HAZARD SCREENING DATE</th>
<th>%</th>
<th>GS</th>
<th>RC</th>
<th>NANO</th>
<th>SUBSTANCE ROLE</th>
<th>WARNINGS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Polyester Fibers</td>
<td>80595-68-2</td>
<td>Pharos Chemical and Materials Library</td>
<td>2020-06-10</td>
<td>1.7150</td>
<td>NoGS</td>
<td>UNK</td>
<td>No</td>
<td>Textile component</td>
<td>No warnings found on HPD Priority Hazard Lists</td>
</tr>
</tbody>
</table>

**SUBSTANCE NOTES:**

- Version: SCBioMats/2018-02-23
- Category: Tree-based materials
- Identifier: Polpulu alba

This disclosure does not provide information on allergens, hyper-accumulation of metals, production of any toxic substances during normal metabolic activities, pesticides, and other potential hazards or sources of hazards which may be found in certain biological materials.

Polyester fibers are used in conjunction with polyurethane and polyethylene to provide product shape and structure.
**STYRENE**

<table>
<thead>
<tr>
<th>HAZARD SCREENING METHOD: Pharos Chemical and Materials Library</th>
<th>HAZARD SCREENING DATE: 2020-06-10</th>
</tr>
</thead>
<tbody>
<tr>
<td>%: 0.5710</td>
<td>GS: BM-1</td>
</tr>
<tr>
<td></td>
<td>RC: UNK</td>
</tr>
<tr>
<td></td>
<td>NANO: No</td>
</tr>
<tr>
<td>HAZARD ROLE: Hardware</td>
<td></td>
</tr>
</tbody>
</table>

**HAZARD TYPE**

<table>
<thead>
<tr>
<th>AGENCY AND LIST TITLES</th>
<th>WARNINGS</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>RESPIRATORY</strong></td>
<td></td>
</tr>
<tr>
<td>AOEC - Asthmagens</td>
<td>Asthmagen (Rs) - sensitizer-induced</td>
</tr>
<tr>
<td><strong>CANCER</strong></td>
<td></td>
</tr>
<tr>
<td>IARC</td>
<td>Group 2a - Agent is probably Carcinogenic to humans</td>
</tr>
<tr>
<td>CA EPA - Prop 65</td>
<td>Carcinogen</td>
</tr>
<tr>
<td><strong>ENDOCRINE</strong></td>
<td></td>
</tr>
<tr>
<td>EU - Priority Endocrine Disruptors</td>
<td>Category 1 - In vivo evidence of Endocrine Disruption Activity</td>
</tr>
<tr>
<td>US NIH - Report on Carcinogens</td>
<td>Reasonably Anticipated to be Human Carcinogen</td>
</tr>
<tr>
<td><strong>SKIN IRRITATION</strong></td>
<td></td>
</tr>
<tr>
<td>EU - GHS (H-Statements)</td>
<td>H315 - Causes skin irritation</td>
</tr>
<tr>
<td><strong>EYE IRRITATION</strong></td>
<td></td>
</tr>
<tr>
<td>EU - GHS (H-Statements)</td>
<td>H319 - Causes serious eye irritation</td>
</tr>
<tr>
<td><strong>DEVELOPMENTAL</strong></td>
<td></td>
</tr>
<tr>
<td>EU - GHS (H-Statements)</td>
<td>H361d - Suspected of damaging the unborn child</td>
</tr>
<tr>
<td><strong>ORGAN TOXICANT</strong></td>
<td></td>
</tr>
<tr>
<td>EU - GHS (H-Statements)</td>
<td>H372 - Causes damage to organs through prolonged or repeated exposure</td>
</tr>
<tr>
<td><strong>ENDOCRINE</strong></td>
<td></td>
</tr>
<tr>
<td>ChemSec - SIN List</td>
<td>Endocrine Disruption</td>
</tr>
<tr>
<td>TEDX - Potential Endocrine Disruptors</td>
<td>Potential Endocrine Disruptor</td>
</tr>
<tr>
<td><strong>MULTIPLE</strong></td>
<td></td>
</tr>
<tr>
<td>German FEA - Substances Hazardous to Waters</td>
<td>Class 2 - Hazard to Waters</td>
</tr>
<tr>
<td><strong>CANCER</strong></td>
<td></td>
</tr>
<tr>
<td>MAK</td>
<td>Carcinogen Group 5 - Genotoxic carcinogen with very slight risk under MAK/BAT levels</td>
</tr>
<tr>
<td><strong>REPRODUCTIVE</strong></td>
<td></td>
</tr>
<tr>
<td>GHS - Japan</td>
<td>Toxic to reproduction - Category 1A [H360]</td>
</tr>
<tr>
<td><strong>REPRODUCTIVE</strong></td>
<td></td>
</tr>
<tr>
<td>GHS - Japan</td>
<td>Toxic to reproduction - Category 1B [H360]</td>
</tr>
</tbody>
</table>

**SUBSTANCE NOTES:** Woven webbing used in lieu of springs.

**SUBSTANCE NOTES:** In plastic component parts.

---

**CARBON BLACK**

<table>
<thead>
<tr>
<th>HAZARD SCREENING METHOD: Pharos Chemical and Materials Library</th>
<th>HAZARD SCREENING DATE: 2020-06-10</th>
</tr>
</thead>
<tbody>
<tr>
<td>%: 0.5000</td>
<td>GS: BM-1</td>
</tr>
<tr>
<td></td>
<td>RC: UNK</td>
</tr>
<tr>
<td></td>
<td>NANO: No</td>
</tr>
<tr>
<td>HAZARD ROLE: Pigment</td>
<td></td>
</tr>
</tbody>
</table>

---
<table>
<thead>
<tr>
<th>HAZARD TYPE</th>
<th>AGENCY AND LIST TITLES</th>
<th>WARNINGS</th>
</tr>
</thead>
<tbody>
<tr>
<td>CANCER</td>
<td>US CDC - Occupational Carcinogens</td>
<td>Occupational Carcinogen</td>
</tr>
<tr>
<td>CANCER</td>
<td>CA EPA - Prop 65</td>
<td>Carcinogen - specific to chemical form or exposure route</td>
</tr>
<tr>
<td>CANCER</td>
<td>IARC</td>
<td>Group 2B - Possibly carcinogenic to humans - inhaled from occupational sources</td>
</tr>
<tr>
<td>CANCER</td>
<td>MAK</td>
<td>Carcinogen Group 3B - Evidence of carcinogenic effects but not sufficient for classification</td>
</tr>
</tbody>
</table>

**SUBSTANCE NOTES:** A component of black enamel and powder paint

**HEXANEDIOIC ACID, POLYMER WITH 1,4-BUTANEDIOL AND 1,1’-METHYLENEBIS[4-ISOCYANATOBENZENE] (PRIMARY CASRN IS 26375-23-5)**

<table>
<thead>
<tr>
<th>HAZARD SCREENING METHOD: Pharo Chemical and Materials Library</th>
<th>HAZARD SCREENING DATE: 2020-06-10</th>
</tr>
</thead>
<tbody>
<tr>
<td>%: 0.4290 GS: LT-UNK</td>
<td>RC: UNK NANO: No SUBSTANCE ROLE: Hardware</td>
</tr>
</tbody>
</table>

**WARNINGs:**
None found

**SUBSTANCE NOTES:** A component of caster tires.

**BARIUM SULFATE**

<table>
<thead>
<tr>
<th>HAZARD SCREENING METHOD: Pharo Chemical and Materials Library</th>
<th>HAZARD SCREENING DATE: 2020-06-10</th>
</tr>
</thead>
<tbody>
<tr>
<td>%: 0.4290 GS: BM-2</td>
<td>RC: UNK NANO: No SUBSTANCE ROLE: Powder coating</td>
</tr>
</tbody>
</table>

**WARNINGs:**
Carcinogen Group 4 - Non-genotoxic carcinogen with low risk under MAK/BAT levels

**SUBSTANCE NOTES:** A component of powder paint.

**ALUMINUM HYDROXIDE OXIDE**

<table>
<thead>
<tr>
<th>HAZARD SCREENING METHOD: Pharo Chemical and Materials Library</th>
<th>HAZARD SCREENING DATE: 2020-06-10</th>
</tr>
</thead>
<tbody>
<tr>
<td>%: 0.4290 GS: LT-UNK</td>
<td>RC: UNK NANO: No SUBSTANCE ROLE: Powder coating</td>
</tr>
</tbody>
</table>

**WARNINGs:**
None found

**SUBSTANCE NOTES:** A component of powder paint.
### Vinyl Acetal Polymers, Acetals Butyral

**ID:** 70775-95-0  
**HAZARD SCREENING METHOD:** Pharos Chemical and Materials Library  
**HAZARD SCREENING DATE:** 2020-06-10  
**%:** 0.1100  
**GS:** LT-UNK  
**RC:** UNK  
**NANO:** No  
**SUBSTANCE ROLE:** Adhesive

**HAZARD TYPE**  
None found

**AGENCY AND LIST TITLES**  
No warnings found on HPD Priority Hazard Lists

**WARNINGS**

**Respiratory**
- AOEC - Asthmagens
- Asthmagen (Rs) - sensitizer-induced

**Gene Mutation**
- EU - SVHC Authorisation List
- Mutagenic - Candidate list

**Mammalian**
- EU - GHS (H-Statements)
- H301 - Toxic if swallowed

**Skin Sensitize**
- EU - GHS (H-Statements)
- H317 - May cause an allergic skin reaction

**Eye Irritation**
- EU - GHS (H-Statements)
- H318 - Causes serious eye damage

**Mammalian**
- EU - GHS (H-Statements)
- H331 - Toxic if inhaled

**Gene Mutation**
- EU - GHS (H-Statements)
- H340 - May cause genetic defects

**Gene Mutation**
- EU - REACH Annex XVII CMRs
- Mutagen Category 2 - Substances which should be regarded as if they are Mutagenic to man

**Multiple**
- ChemSec - SIN List
- CMR - Carcinogen, Mutagen &/or Reproductive Toxicant

**Multiple**
- German FEA - Substances Hazardous to Waters
- Class 3 - Severe Hazard to Waters

**Respiratory**
- MAK
- Sensitizing Substance Sah - Danger of airway & skin sensitization

**Gene Mutation**
- GHS - Korea
- Germ cell mutagenicity - Category 1 [H340 - May cause genetic defects]

**Gene Mutation**
- EU - Annex VI CMRs
- Mutagen - Category 1B

**Gene Mutation**
- GHS - New Zealand
- 6.6A - Known or presumed human mutagens

**Gene Mutation**
- GHS - Japan
- Germ cell mutagenicity - Category 1B [H340]

### Triglycidyl Isocyanurate

**ID:** 2451-62-9  
**HAZARD SCREENING METHOD:** Pharos Chemical and Materials Library  
**HAZARD SCREENING DATE:** 2020-06-10  
**%:** 0.0714  
**GS:** LT-1  
**RC:** UNK  
**NANO:** No  
**SUBSTANCE ROLE:** Powder coating

**HAZARD TYPE**  
None found

**AGENCY AND LIST TITLES**

**Respiratory**
- AOEC - Asthmagens
- Asthmagen (Rs) - sensitizer-induced

**Gene Mutation**
- EU - SVHC Authorisation List
- Mutagenic - Candidate list

**Mammalian**
- EU - GHS (H-Statements)
- H301 - Toxic if swallowed

**Skin Sensitize**
- EU - GHS (H-Statements)
- H317 - May cause an allergic skin reaction

**Eye Irritation**
- EU - GHS (H-Statements)
- H318 - Causes serious eye damage

**Mammalian**
- EU - GHS (H-Statements)
- H331 - Toxic if inhaled

**Gene Mutation**
- EU - GHS (H-Statements)
- H340 - May cause genetic defects

**Gene Mutation**
- EU - REACH Annex XVII CMRs
- Mutagen Category 2 - Substances which should be regarded as if they are Mutagenic to man

**Multiple**
- ChemSec - SIN List
- CMR - Carcinogen, Mutagen &/or Reproductive Toxicant

**Multiple**
- German FEA - Substances Hazardous to Waters
- Class 3 - Severe Hazard to Waters

**Respiratory**
- MAK
- Sensitizing Substance Sah - Danger of airway & skin sensitization

**Gene Mutation**
- GHS - Korea
- Germ cell mutagenicity - Category 1 [H340 - May cause genetic defects]

**Gene Mutation**
- EU - Annex VI CMRs
- Mutagen - Category 1B

**Gene Mutation**
- GHS - New Zealand
- 6.6A - Known or presumed human mutagens

**Gene Mutation**
- GHS - Japan
- Germ cell mutagenicity - Category 1B [H340]
<table>
<thead>
<tr>
<th>Substance</th>
<th>ID</th>
<th>HAZARD SCREENING METHOD</th>
<th>HAZARD SCREENING DATE</th>
<th>%</th>
<th>GS</th>
<th>RC</th>
<th>NANO</th>
<th>SUBSTANCE ROLE</th>
<th>AGENCY AND LIST TITLES</th>
<th>WARNINGS</th>
</tr>
</thead>
<tbody>
<tr>
<td>PARAFFIN</td>
<td>8002-74-2</td>
<td>Pharos Chemical and Materials Library</td>
<td>2020-06-10</td>
<td>0.0714</td>
<td>LT-UNK</td>
<td>UNK</td>
<td>No</td>
<td>Powder coating</td>
<td></td>
<td>None found</td>
</tr>
<tr>
<td>SUBSTANCE NOTES:</td>
<td>A component of powder paint.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>NYLON-66</td>
<td>32131-17-2</td>
<td>Pharos Chemical and Materials Library</td>
<td>2020-06-10</td>
<td>0.0357</td>
<td>LT-UNK</td>
<td>UNK</td>
<td>No</td>
<td>Textile component</td>
<td></td>
<td>None found</td>
</tr>
<tr>
<td>SUBSTANCE NOTES:</td>
<td>A component of sewing thread.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1,2-DIHYDRO-2,2,4-TRIMETHYLQUINOLINE</td>
<td>147-47-7</td>
<td>Pharos Chemical and Materials Library</td>
<td>2020-06-10</td>
<td>0.0357</td>
<td>NoGS</td>
<td>UNK</td>
<td>No</td>
<td>Adhesive</td>
<td></td>
<td>None found</td>
</tr>
<tr>
<td>SUBSTANCE NOTES:</td>
<td>A component of padding glue.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>OXIDIZED CORN STARCH</td>
<td>65996-62-5</td>
<td>Pharos Chemical and Materials Library</td>
<td>2020-06-10</td>
<td>0.0346</td>
<td>LT-UNK</td>
<td>UNK</td>
<td>No</td>
<td>Adhesive</td>
<td></td>
<td>None found</td>
</tr>
<tr>
<td>SUBSTANCE NOTES:</td>
<td>A component of wood glue.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>DIATOMACEOUS EARTH [WHICH CONTAINS 0.1% OR MORE OF CRYSTALLINE SILICA] (PRIMARY CASRN IS 61790-53-2)</td>
<td>51109-72-9</td>
<td>Pharos Chemical and Materials Library</td>
<td>2020-06-10</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
### 2,4,7,9-TETRAMETHYL-5-DECYNE-4,7-DIOL (PRIMARY CASRN IS 126-86-3)

<table>
<thead>
<tr>
<th>HAZARD SCREENING METHOD: Pharos Chemical and Materials Library</th>
<th>HAZARD SCREENING DATE: 2020-06-10</th>
</tr>
</thead>
<tbody>
<tr>
<td>%: 0.0011</td>
<td>GS: LT-UNK</td>
</tr>
<tr>
<td>GS: LT-UNK</td>
<td>Rc: UNK</td>
</tr>
<tr>
<td>RC: UNK</td>
<td>Nano: No</td>
</tr>
<tr>
<td>Nano: No</td>
<td>Substance Role: Powder coating</td>
</tr>
</tbody>
</table>

**HAZARD TYPE**  
**AGENCY AND LIST TITLES**  
**WARNINGS**

None found  
No warnings found on HPD Priority Hazard Lists

**SUBSTANCE NOTES:** A component of powder paint.

---

### ZINC, ELEMENTAL

<table>
<thead>
<tr>
<th>HAZARD SCREENING METHOD: Pharos Chemical and Materials Library</th>
<th>HAZARD SCREENING DATE: 2020-06-10</th>
</tr>
</thead>
<tbody>
<tr>
<td>%: 0.0003</td>
<td>GS: LT-P1</td>
</tr>
<tr>
<td>GS: LT-P1</td>
<td>RC: UNK</td>
</tr>
<tr>
<td>RC: UNK</td>
<td>Nano: No</td>
</tr>
<tr>
<td>Nano: No</td>
<td>Substance Role: Plating agent</td>
</tr>
</tbody>
</table>

**HAZARD TYPE**  
**AGENCY AND LIST TITLES**  
**WARNINGS**

**ACUTE AQUATIC**  
EU - GHS (H-Statements)  
H400 - Very toxic to aquatic life

**CHRON AQUATIC**  
EU - GHS (H-Statements)  
H410 - Very toxic to aquatic life with long lasting effects

**PHYSICAL HAZARD (REACTIVE)**  
EU - GHS (H-Statements)  
H250 - Catches fire spontaneously if exposed to air

**PHYSICAL HAZARD (REACTIVE)**  
EU - GHS (H-Statements)  
H260 - In contact with water releases flammable gases which may ignite spontaneously

**ENDOCRINE**  
TEDX - Potential Endocrine Disruptors  
Potential Endocrine Disruptor

**MULTIPLE**  
German FEA - Substances Hazardous to Waters  
Class 2 - Hazard to Waters

**SUBSTANCE NOTES:** A component of hardware plating.
Section 3: Certifications and Compliance

This section lists applicable certification and standards compliance information for VOC emissions and VOC content. Other types of health or environmental performance testing or certifications completed for the product may be provided.

<table>
<thead>
<tr>
<th>VOC EMISSIONS</th>
<th>N/A</th>
</tr>
</thead>
<tbody>
<tr>
<td>CERTIFYING PARTY:</td>
<td>Self-declared</td>
</tr>
<tr>
<td>APPLICABLE FACILITIES:</td>
<td>All</td>
</tr>
<tr>
<td>ISSUE DATE:</td>
<td>2020-06-10</td>
</tr>
<tr>
<td>EXPIRY DATE:</td>
<td></td>
</tr>
<tr>
<td>CERTIFIER OR LAB:</td>
<td>None</td>
</tr>
<tr>
<td>CERTIFICATION AND COMPLIANCE NOTES:</td>
<td>Not applicable for this product</td>
</tr>
</tbody>
</table>

Section 4: Accessories

This section lists related products or materials that the manufacturer requires or recommends for installation (such as adhesives or fasteners), maintenance, cleaning, or operations. For information relating to the contents of these related products, refer to their applicable Health Product Declarations, if available.

No accessories are required for this product.

Section 5: General Notes

Automated tools used to determine health hazard and warning screenings. The JH Series Sleeper Chair comes in several different style/shape configurations, as well as different widths, but this has relatively no affect on the Substance Inventory. The scope of the HPD covers the entire product and all component parts to the best of the preparer's knowledge.
Section 6: References

MANUFACTURER INFORMATION

MANUFACTURER: Durfold Corp
ADDRESS: 102Upton Drive
Jackson MS 39209, USA
WEBSITE: Durfold.com

CONTACT NAME: Jeff Gilbert
TITLE: R&D Lead
PHONE: 6019224144
EMAIL: jgilbert@durfold.com

The listed contact is responsible for the validity of this HPD and attests that it is accurate and complete to the best of his or her knowledge.

KEY

Hazard Types

AQU Aquatic toxicity
CAN Cancer
DEV Developmental toxicity
END Endocrine activity
EYE Eye irritation/corrosivity
GEN Gene mutation
GLO Global warming
LAN Land toxicity
MAM Mammalian/systemic/organ toxicity
MUL Multiple
NEU Neurotoxicity
NF Not found on Priority Hazard Lists
OZO Ozone depletion
PBT Persistent, bioaccumulative, and toxic
PHY Physical hazard (flammable or reactive)
REP Reproductive
RES Respiratory sensitization
SK1 Skin sensitization/irritation/corrosivity
UNK Unknown

GreenScreen (GS)

BM-4 Benchmark 4 (prefer-safer chemical)
BM-3 Benchmark 3 (use but still opportunity for improvement)
BM-2 Benchmark 2 (use but search for safer substitutes)
BM-1 Benchmark 1 (avoid - chemical of high concern)
BM-U Benchmark Unspecified (due to insufficient data)
LT-P1 List Translator Possible 1 (Possible Benchmark-1)
LT-1 List Translator 1 (Likely Benchmark-1)
LT-UNK List Translator Benchmark Unknown (the chemical is present on at least one GreenScreen Specified List, but the information contained within the list did not result in a clear mapping to a LT-1 or LTP1 score.)
NoGS No GreenScreen.

Recycled Types

PreC Pre-consumer recycled content
PostC Post-consumer recycled content
UNK Inclusion of recycled content is unknown
None Does not include recycled content

Other Terms:

GHS SDS Globally Harmonized System of Classification and Labeling of Chemicals Safety Data Sheet

Inventory Methods:

 Nested Method / Material Threshold Substances listed within each material per threshold indicated per material
 Nested Method / Product Threshold Substances listed within each material per threshold indicated per product
 Basic Method / Product Threshold Substances listed individually per threshold indicated per product

Nano Composed of nano scale particles or nanotechnology
Third Party Verified Verification by independent certifier approved by HPDC
Preparer Third party preparer, if not self-prepared by manufacturer
Applicable facilities Manufacturing sites to which testing applies

The Health Product Declaration (HPD) Open Standard provides for the disclosure of product contents and potential associated human and environmental health hazards. Hazard associations are based on the HPD Priority Hazard Lists, the GreenScreen List Translator™, and when available, full GreenScreen® assessments. The HPD Open Standard v2.1 is not:

• a method for the assessment of exposure or risk associated with product handling or use,
• a method for assessing potential health impacts of: (i) substances used or created during the manufacturing process or (ii) substances created after the product is delivered for end use.

Information about life cycle, exposure and/or risk assessments performed on the product may be reported by the manufacturer in appropriate Notes sections, and/or, where applicable, in the Certifications section.

The HPD Open Standard was created and is supported by the Health Product Declaration Collaborative (the HPD Collaborative), a customer-led organization composed of stakeholders throughout the building industry that is committed to the continuous improvement of building products through transparency, openness, and innovation throughout the product supply chain.

The product manufacturer and any applicable independent verifier are solely responsible for the accuracy of statements and claims made in this HPD and for compliance with the HPD standard noted.