



HPD UNIQUE IDENTIFIER: 12678261004288
HPD UNIQUE PRODUCT ID: Not provided.
CLASSIFICATION: 12 51 00.00 Furnishings: Office Furniture
PRODUCT TYPE: Commercial Furniture
Classroom Furniture
Residential Furniture And Equipment

PRODUCT DESCRIPTION: Say hello to Brim—seating that's full of curves, comfort, and confidence. Its sculpted shape doesn't just look good; it's built to welcome you in, support your posture, and keep you comfortable without overthinking it. Smart, stylish, and refreshingly simple to specify, Brim delivers premium appeal without the detours. With Brim, every curve has a purpose.

Section 1: Summary Basic Method / Product Threshold

CONTENT INVENTORY

Inventory Reporting Format	Residuals/Impurities Evaluation	For all contents above the threshold, the manufacturer has:
→ Basic Method	→ Completed	
Threshold Disclosed Per	Explanation(s) provided :	Characterized Yes
→ Product	Yes	Provided weight and role.
Threshold Level		Screened Yes
→ 100 ppm		Provided screening results using HPDC-approved methods.
		Identified Yes
		Provided name and CAS RN or other identifier.

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.

PRODUCT | MATERIAL OR SUBSTANCE | RESIDUAL OR IMPURITY
GREENSCREEN SCORE | HAZARD TYPE
BRIM [POLYPROPYLENE LT-UNK IRON, ELEMENTAL (IRON) LT-P1
END POLICAPRAM (NYLON 6) LT-UNK FIBERGLASS (GLASS, OXIDE,
CHEMICALS) LT-UNK 1-OCTENE, POLYMER WITH ETHENE LT-UNK
ALUMINUM LT-P1 END | CAN | MAM | PHY HEXANEDIOIC ACID,
POLYMER WITH HEXAHYDRO-2H-AZEPIN-2-ONE AND 1,6-
HEXANEDIAMINE LT-UNK BIS(2,2,6,6-TETRAMETHYL-4-PIPERIDINYL)
SEBACATE (DECANEDIOIC ACID, BIS(2,2,6,6-TETRAMETHYL-4-
PIPERIDINYL) ESTER) BM-1 MUL | EYE | MAM | AQU ZINC,
ELEMENTAL (ZINC) LT-P1 MUL | AQU POLYURETHANE FOAMS
(POLYURETHANE FOAMS) LT-UNK 1,3,5-TRIOXANE, POLYMER WITH
1,3-DIOXOLANE LT-UNK CARBON BLACK BM-1 * CAN | EYE | MAM |
PHY POLYETHYLENE LT-UNK SULFUR, PRECIPITATED (SULFUR,
ELEMENTAL) LT-UNK SKI | MAM PHOSPHORUS (PHOSPHORUS)
BM-2 MAM | PHY | EYE | AQU | SKI MANGANESE LT-P1 END | MUL |
REP | MAM | AQU 1,3-BUTADIENE, POLYMER WITH 2-
PROPENENITRILE (2-PROPENENITRILE, POLYMER WITH 1,3-
BUTADIENE) LT-UNK COPPER LT-P1 MUL | AQU | MAM NYLON-66
(POLY[IMINO(1,6-DIOXO-1,6- HEXANEDIYL)IMINO-1,6-HEXANEDIYL])
LT-UNK CARBON LT-UNK MAGNESIUM LT-UNK PHY | MAM | SKI |
EYE SILICON, ELEMENTAL (SILICON) LT-UNK PHENOL-
FORMALDEHYDE RESIN (PHENOL, POLYMER WITH
FORMALDEHYDE) LT-P1 CELLULOSE, MICROCRYSTALLINE

Number of Greenscreen BM-4/BM3 contents ... 0
Contents highest-concern GreenScreen score(s) (BM-1, LT-1, LT-P1) ...
LT-P1, BM-1
Nanomaterial ... No

INVENTORY AND SCREENING NOTES:

Any CAS numbers that have not been identified were given to HNI for hazard screening purposes only and are proprietary for their respective supplier(s).

*Form-Specific Hazard: This substance's GreenScreen Benchmark or List Translator score and the applicable hazards are related to particulate inhalation, which is expected to occur only during manufacture, installation, maintenance, or demolition, due to activities such as sawing, sanding, grinding, or intensive cleaning. For this reason, this score is intentionally omitted from the "Contents highest concern" line above. See HPDC's Special Conditions policy for more information.

PFAS DETAILS:

This product does not contain intentionally added PFAS and materials and substances from suppliers are verified to not contain PFAS.

Attestation:

Yuvakrish G
2026-06-17

VOLATILE ORGANIC COMPOUND (VOC) CONTENT

VOC Content data is not applicable for this product category.

COMPLIANCE *See Section 3 for additional listings.*

VOC emissions: SCS Indoor Advantage Gold - Classroom & Office scenario

Multi-attribute: BIFMA Furniture Sustainability Level 3 (e3-2019)

CONSISTENCY WITH OTHER PROGRAMS

Pre-checked for LEED v4 Option 1.

Pre-checked for LEED v4.1 Option 1.

Pre-checked for LEED v5 Human Health 1.

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 3.0, available on the HPDC website at: www.hpd-collaborative.org/hpd-3-0-standard

BRIM

PRODUCT THRESHOLD: 100 ppm RESIDUALS AND IMPURITIES EVALUATION COMPLETED: Yes

RESIDUALS AND IMPURITIES NOTES: No Residuals or Impurities are expected to be present at or above the Content Inventory Threshold that return a GreenScreen score of BM-1, LT-1, LT-P1 or NoGS

OTHER PRODUCT NOTES: Not applicable.

POLYPROPYLENEID: 9003-07-0

HAZARD DATA SOURCE: Pharos Chemical and Materials LibraryHAZARD SCREENING DATE: 2026-06-17 6:41:37

%: 35.5450 - 35.5450GreenScreen: LT-UNKRC: NoneNANO: NoSUBSTANCE ROLE: Polymer species

HAZARD TYPELIST NAME AND SOURCEWARNINGS

None foundNo warnings found on HPD Priority Hazard Lists

ADDITIONAL LISTINGSLIST NAME AND SOURCENOTIFICATION

None foundNo listings found on Additional Hazard Lists

SUBSTANCE NOTES:

IRON, ELEMENTAL (IRON)ID: 7439-89-6

HAZARD DATA SOURCE: Pharos Chemical and Materials LibraryHAZARD SCREENING DATE: 2026-06-17 6:41:39

%: 24.9670 - 25.4380GreenScreen: LT-P1RC: NoneNANO: NoSUBSTANCE ROLE: Alloy element

HAZARD TYPELIST NAME AND SOURCEWARNINGS

ENDTEDX - Potential Endocrine DisruptorsPotential Endocrine Disruptor

ADDITIONAL LISTINGSLIST NAME AND SOURCENOTIFICATION

None foundNo listings found on Additional Hazard Lists

Brim

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SUBSTANCE NOTES: This element/CAS number comes from one or more of the following metal alloys:

Metal Grade & equivalent UNS:

- 1) AISI 1035 Steel - UNS G10350
- 2) 65SiCrV - UNS G92540
- 3) ADC 12 - UNS A03840
- 4) ASTM A228 - UNS K08500
- 5) S50C - UNS G10500
- 6) SAE 1022 - UNS G10220
- 7) SWP - UNS G10600
- 8) AISI O6 - UNS T31506
- 9) AISI 1006 Steel - UNS G10060
- 10) AISI 1065 Steel - UNS G10650
- 11) JIS G 3101 - UNS S30400
- 12) JIS S45C - UNS G10450
- 13) JIS SCM435 - UNS G41350
- 14) ASTM9260 - UNS G92600
- 15) SWRH82B - UNS G10450
- 16) Mo8Cr4V2 - UNS T11310
- 17) Q195A - UNS K02401
- 18) JIS G3141 SPCC - UNS G10080
- 19) JIS G3131 SPHC - UNS G10100
- 20) 1018 Steel - UNS G10180
- 21) Aluminum A380.1 - UNS A13801
- 22) AISI 52100 Steel - UNS G52986
- 23) AISI 1045 Steel - UNS G10450
- 24) Q235 - UNS K02600
- 25) AISI 9255 Steel - UNS G92550
- 26) AISI 1020 Steel - UNS G10200
- 27) AISI 12L14 Steel - UNS G12144
- 28) A572 Grade 50 steel - UNS K02306
- 29) Zamak 5 - UNS Z35531
- 30) SWRH 72A - UNS G10450
- 31) SWRH62A - UNS G10450
- 32) EN 10270-1 SH spring wire - UNS K08500
- 33) C45 steel - UNS G10450
- 34) 18-8 stainless steel - UNS S30400
- 35) EN 10270-1 SH - UNS K08500
- 36) 302 Stainless Steel - UNS S30200
- 37) ASTM A227 - UNS K06501
- 38) AISI 1010 Steel - UNS G10100
- 39) AISI 1008 Steel - UNS G10080
- 40) AISI 1022 Steel - UNS G10220
- 41) SAE 9254 - UNS G92540
- 42) 1215 Steel - UNS G12150
- 43) Zamak 3 - UNS Z33520
- 44) ASTM A228 - UNS K08500
- 45) JIS STKM12B - UNS G10080
- 46) JIS SCP2 - UNS F32800
- 47) JIS SM45C - UNS G41500
- 48) JIS SMF4030 - UNS S43000
- 49) JIS SM25C - UNS G102500
- 50) JIS SB41P - UNS T41901
- 51) 65MN - UNS G10650
- 52) JIS SM50C - UNS G10490
- 53) JIS SWRCH22A - UNS G10200
- 54) JIS SPS4 - UNS G41400
- 55) AISI 1040 Steel - UNS G10400
- 56) AISI 1038 Steel - UNS G10380
- 57) I-535-3800 - UNS G10200

HAZARD DATA SOURCE: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: 2026-06-17 6:41:40	
%: 10.3410 - 12.1040	GreenScreen: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Polymer species
HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS		
None found		No warnings found on HPD Priority Hazard Lists		
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION		
RESTRICTED LIST	Green Science Policy Institute (GSPI)	GSPI - Six Classes Precautionary List		
		Flame Retardants		
SUBSTANCE NOTES:				

FIBERGLASS (GLASS, OXIDE, CHEMICALS)

ID: 65997-17-3

HAZARD DATA SOURCE: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: 2026-06-17 6:41:41	
%: 8.8610 - 10.6270	GreenScreen: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Tensile strength additive
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS	
None found			No warnings found on HPD Priority Hazard Lists	
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION	
EXEMPT	European Union / European Commission (EU EC)		EU - REACH Exemptions Exempted from REACH Annex V listing due to intrinsic safety	
RESTRICTED LIST	Green Science Policy Institute (GSPI)		GSPI - Six Classes Precautionary List Flame Retardants	
RESTRICTED LIST	Cradle to Cradle Products Innovation Institute (C2CPII)		C2C Certified v5.0 Product Standard Restricted Substances - Effective March 16, 2026 Cosmetics & Personal Care Products	
SUBSTANCE NOTES:				

1-OCTENE, POLYMER WITH ETHENE

ID: 26221-73-8

HAZARD DATA SOURCE: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: 2026-06-17 6:41:42	
%: 3.7020 - 4.4470	GreenScreen: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Tensile strength additive
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS	
None found			No warnings found on HPD Priority Hazard Lists	
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION	
None found			No listings found on Additional Hazard Lists	

ALUMINUM

ID: 7429-90-5

HAZARD DATA SOURCE: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: 2026-06-17 6:41:43	
?: 4.2320 - 4.2530	GreenScreen: LT-P1	RC: None	NANO: No	SUBSTANCE ROLE: Alloy element
HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS		
END	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor		
CAN	MAK	Carcinogen Group 4 - Non-genotoxic carcinogen with low risk under MAK/BAT levels		
MAM	GHS - Japan	H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organs/systemic toxicity following repeated exposure - Category 1]		
MAM	GHS - Japan	H370 - Causes damage to organs [Specific target organs/systemic toxicity following single exposure - Category 1]		
PHY	GHS - Japan	H261 - In contact with water releases flammable gas [Substances and mixtures, which in contact with water, emit flammable gases - Category 2]		
PHY	GHS - Malaysia	H250 - Catches fire spontaneously if exposed to air [Pyrophoric liquids; Pyrophoric solids - Category 1]		
PHY	GHS - Australia	H250 - Catches fire spontaneously if exposed to air [Pyrophoric liquids; Pyrophoric solids - Category 1]		
PHY	GHS - New Zealand	Pyrophoric solids category 1		
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION		
RESTRICTED LIST	Cradle to Cradle Products Innovation Institute (C2CPII)	C2C Certified v4.1 Product Standard Restricted Substances - Effective July 1, 2025		
		Children's Toy Products		
RESTRICTED LIST	Cradle to Cradle Products Innovation Institute (C2CPII)	C2C Certified v5.0 Product Standard Restricted Substances - Effective March 16, 2026		
		Children's Toy Products		

SUBSTANCE NOTES: This element/CAS number comes from one or more of the following metal alloys:

Metal Grade & equivalent UNS:

- 1) AISI 1035 Steel - UNS G10350
- 2) 65SiCrV - UNS G92540
- 3) ADC 12 - UNS A03840
- 4) ASTM A228 - UNS K08500
- 5) S50C - UNS G10500
- 6) SAE 1022 - UNS G10220
- 7) SWP - UNS G10600
- 8) AISI O6 - UNS T31506
- 9) AISI 1006 Steel - UNS G10060
- 10) AISI 1065 Steel - UNS G10650
- 11) JIS G 3101 - UNS S30400
- 12) JIS S45C - UNS G10450
- 13) JIS SCM435 - UNS G41350
- 14) ASTM9260 - UNS G92600
- 15) SWRH82B - UNS G10450
- 16) Mo8Cr4V2 - UNS T11310
- 17) Q195A - UNS K02401
- 18) JIS G3141 SPCC - UNS G10080
- 19) JIS G3131 SPHC - UNS G10100
- 20) 1018 Steel - UNS G10180
- 21) Aluminum A380.1 - UNS A13801
- 22) AISI 52100 Steel - UNS G52986
- 23) AISI 1045 Steel - UNS G10450
- 24) Q235 - UNS K02600
- 25) AISI 9255 Steel - UNS G92550
- 26) AISI 1020 Steel - UNS G10200
- 27) AISI 12L14 Steel - UNS G12144
- 28) A572 Grade 50 steel - UNS K02306
- 29) Zamak 5 - UNS Z35531
- 30) SWRH 72A - UNS G10450
- 31) SWRH62A - UNS G10450
- 32) EN 10270-1 SH spring wire - UNS K08500
- 33) C45 steel - UNS G10450
- 34) 18-8 stainless steel - UNS S30400
- 35) EN 10270-1 SH - UNS K08500
- 36) 302 Stainless Steel - UNS S30200
- 37) ASTM A227 - UNS K06501
- 38) AISI 1010 Steel - UNS G10100
- 39) AISI 1008 Steel - UNS G10080
- 40) AISI 1022 Steel - UNS G10220
- 41) SAE 9254 - UNS G92540
- 42) 1215 Steel - UNS G12150
- 43) Zamak 3 - UNS Z33520
- 44) ASTM A228 - UNS K08500
- 45) JIS STKM12B - UNS G10080
- 46) JIS SCP2 - UNS F32800
- 47) JIS SM45C - UNS G41500
- 48) JIS SMF4030 - UNS S43000
- 49) JIS SM25C - UNS G102500
- 50) JIS SB41P - UNS T41901
- 51) 65MN - UNS G10650
- 52) JIS SM50C - UNS G10490
- 53) JIS SWRCH22A - UNS G10200
- 54) JIS SPS4 - UNS G41400
- 55) AISI 1040 Steel - UNS G10400
- 56) AISI 1038 Steel - UNS G10380
- 57) I-535-3800 - UNS G10200

HEXANEDIOIC ACID, POLYMER WITH HEXAHYDRO-2H-AZEPIN-2-ONE AND 1,6-HEXANEDIAMINE

ID: 24993-04-2

HAZARD DATA SOURCE: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2026-06-17 6:41:45		
%: 2.9800 - 3.7250	GreenScreen: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Polymer species
HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS		
None found		No warnings found on HPD Priority Hazard Lists		
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION		
RESTRICTED LIST	Green Science Policy Institute (GSPI)	GSPI - Six Classes Precautionary List		
		Bisphenols and Phthalates		
SUBSTANCE NOTES:				

BIS(2,2,6,6-TETRAMETHYL-4-PIPERIDINYL) SEBACATE
(DECANEDIOIC ACID, BIS(2,2,6,6-TETRAMETHYL-4-PIPERIDINYL) ESTER)

ID: 52829-07-9

HAZARD DATA SOURCE: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: 2026-06-17 6:41:46	
%: 1.8370 - 1.8370	GreenScreen: BM-1	RC: None	NANO: No	SUBSTANCE ROLE: Pigment
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS	
MUL	German FEA - Substances Hazardous to Waters		Class 3 - Severe Hazard to Waters	
EYE	GHS - New Zealand		Eye irritation category 2	
MAM	GHS - Japan		H370 - Causes damage to organs [Specific target organs/systemic toxicity following single exposure - Category 1]	
EYE	GHS - Japan		H318 - Causes serious eye damage [Serious eye damage / eye irritation - Category 1]	
AQU	GHS - New Zealand		Hazardous to the aquatic environment - chronic category 2	
AQU	GHS - Japan		H410 - Very toxic to aquatic life with long lasting effects [Hazardous to the aquatic environment (chronic) - Category 1]	
AQU	GHS - Japan		H401 - Toxic to aquatic life [Hazardous to the aquatic environment (acute) - Category 2]	
MAM	GHS - Australia		H330 - Fatal if inhaled [Acute toxicity (inhalation) - Category 1 or 2]	
EYE	GHS - Australia		H318 - Causes serious eye damage [Serious eye damage/eye irritation - Category 1]	
MAM	GHS - Japan		H330 - Fatal if inhaled [Acute toxicity (inhalation: dust, mist) - Category 2]	
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION	
None found			No listings found on Additional Hazard Lists	
SUBSTANCE NOTES:				

HAZARD DATA SOURCE: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: 2026-06-17 6:41:47	
%: 1.7770 - 1.8110	GreenScreen: LT-P1	RC: None	NANO: No	SUBSTANCE ROLE: Alloy element
HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS		
MUL	German FEA - Substances Hazardous to Waters	Class 2 - Hazard to Waters		
AQU	GHS - New Zealand	Hazardous to the aquatic environment - acute category 1		
AQU	GHS - New Zealand	Hazardous to the aquatic environment - chronic category 1		
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION		
RESTRICTED LIST	Cradle to Cradle Products Innovation Institute (C2CPII)	C2C Certified v4.1 Product Standard Restricted Substances - Effective July 1, 2025		
		Children's Toy Products		
RESTRICTED LIST	Cradle to Cradle Products Innovation Institute (C2CPII)	C2C Certified v5.0 Product Standard Restricted Substances - Effective March 16, 2026		
		Children's Toy Products		

SUBSTANCE NOTES: This element/CAS number comes from one or more of the following metal alloys:

Metal Grade & equivalent UNS:

- 1) AISI 1035 Steel - UNS G10350
- 2) 65SiCrV - UNS G92540
- 3) ADC 12 - UNS A03840
- 4) ASTM A228 - UNS K08500
- 5) S50C - UNS G10500
- 6) SAE 1022 - UNS G10220
- 7) SWP - UNS G10600
- 8) AISI O6 - UNS T31506
- 9) AISI 1006 Steel - UNS G10060
- 10) AISI 1065 Steel - UNS G10650
- 11) JIS G 3101 - UNS S30400
- 12) JIS S45C - UNS G10450
- 13) JIS SCM435 - UNS G41350
- 14) ASTM9260 - UNS G92600
- 15) SWRH82B - UNS G10450
- 16) Mo8Cr4V2 - UNS T11310
- 17) Q195A - UNS K02401
- 18) JIS G3141 SPCC - UNS G10080
- 19) JIS G3131 SPHC - UNS G10100
- 20) 1018 Steel - UNS G10180
- 21) Aluminum A380.1 - UNS A13801
- 22) AISI 52100 Steel - UNS G52986
- 23) AISI 1045 Steel - UNS G10450
- 24) Q235 - UNS K02600
- 25) AISI 9255 Steel - UNS G92550
- 26) AISI 1020 Steel - UNS G10200
- 27) AISI 12L14 Steel - UNS G12144
- 28) A572 Grade 50 steel - UNS K02306
- 29) Zamak 5 - UNS Z35531
- 30) SWRH 72A - UNS G10450
- 31) SWRH62A - UNS G10450
- 32) EN 10270-1 SH spring wire - UNS K08500
- 33) C45 steel - UNS G10450
- 34) 18-8 stainless steel - UNS S30400
- 35) EN 10270-1 SH - UNS K08500
- 36) 302 Stainless Steel - UNS S30200
- 37) ASTM A227 - UNS K06501
- 38) AISI 1010 Steel - UNS G10100
- 39) AISI 1008 Steel - UNS G10080
- 40) AISI 1022 Steel - UNS G10220
- 41) SAE 9254 - UNS G92540
- 42) 1215 Steel - UNS G12150
- 43) Zamak 3 - UNS Z33520
- 44) ASTM A228 - UNS K08500
- 45) JIS STKM12B - UNS G10080
- 46) JIS SCP2 - UNS F32800
- 47) JIS SM45C - UNS G41500
- 48) JIS SMF4030 - UNS S43000
- 49) JIS SM25C - UNS G102500
- 50) JIS SB41P - UNS T41901
- 51) 65MN - UNS G10650
- 52) JIS SM50C - UNS G10490
- 53) JIS SWRCH22A - UNS G10200
- 54) JIS SPS4 - UNS G41400
- 55) AISI 1040 Steel - UNS G10400
- 56) AISI 1038 Steel - UNS G10380
- 57) I-535-3800 - UNS G10200

HAZARD DATA SOURCE: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: 2026-06-17 6:41:48	
%: 0.8970 - 0.8970	GreenScreen: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Polymer species
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS	
None found			No warnings found on HPD Priority Hazard Lists	
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION	
None found			No listings found on Additional Hazard Lists	
SUBSTANCE NOTES:				

1,3,5-TRIOXANE, POLYMER WITH 1,3-DIOXOLANE				ID: 24969-26-4
HAZARD DATA SOURCE: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: 2026-06-17 6:41:50	
?: 0.7270 - 0.7270	GreenScreen: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Polymer species
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS	
None found			No warnings found on HPD Priority Hazard Lists	
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION	
None found			No listings found on Additional Hazard Lists	
SUBSTANCE NOTES:				

CARBON BLACK			ID: 1333-86-4	
HAZARD DATA SOURCE: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: 2026-06-26 5:02:04	
%: 0.2890 - 0.4610	GreenScreen: BM-1	RC: None	NANO: No	SUBSTANCE ROLE: Pigment

HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS
CAN	US CDC - Occupational Carcinogens	Occupational Carcinogen**
CAN	MAK	Carcinogen Group 3B - Evidence of carcinogenic effects but not sufficient for classification**
CAN	CA EPA - Prop 65	Carcinogen - specific to chemical form or exposure route**
CAN	IARC	Group 2b - Possibly carcinogenic to humans**
EYE	GHS - New Zealand	Eye irritation category 2**
CAN	GHS - New Zealand	Carcinogenicity category 2**
CAN	GHS - Japan	H351 - Suspected of causing cancer [Carcinogenicity - Category 2]**
MAM	GHS - Japan	H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organs/systemic toxicity following repeated exposure - Category 1]**
PHY	GHS - Japan	H251 - Self-heating;; may catch fire [Self-heating substances and mixtures - Category 1]**

ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
None found		No listings found on Additional Hazard Lists

SUBSTANCE NOTES: **Form-Specific Hazard: This substance's GreenScreen Benchmark or List Translator score and the applicable hazards are related to particulate inhalation, which is expected to occur only during manufacture, installation, maintenance, or demolition, due to activities such as sawing, sanding, grinding, or intensive cleaning. See HPDC's Special Conditions policy for more information. Manufacturer's Safety Data Sheet (SDS), if applicable, may offer occupational health and safety information.

POLYETHYLENE

ID: 9002-88-4

HAZARD DATA SOURCE: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: 2026-06-17 6:41:52	
%: 0.3500 - 0.3500	GreenScreen: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Polymer species
HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS		
None found		No warnings found on HPD Priority Hazard Lists		
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION		
None found		No listings found on Additional Hazard Lists		
SUBSTANCE NOTES:				

SULFUR, PRECIPITATED (SULFUR, ELEMENTAL)

ID: 7704-34-9

HAZARD DATA SOURCE: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: 2026-06-17 6:41:53		
%: 0.0030 - 0.2860	GreenScreen: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Alloy element	

HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS
SKI	EU - GHS (H-Statements) Annex 6 Table 3-1	H315 - Causes skin irritation [Skin corrosion/irritation - Category 2]
SKI	GHS - New Zealand	Skin irritation category 2
SKI	GHS - Australia	H315 - Causes skin irritation [Skin corrosion/irritation - Category 2]
MAM	GHS - Japan	H370 - Causes damage to organs [Specific target organs/systemic toxicity following single exposure - Category 1]
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
None found		No listings found on Additional Hazard Lists

SUBSTANCE NOTES: This element/CAS number comes from one or more of the following metal alloys:

Metal Grade & equivalent UNS:

- 1) AISI 1035 Steel - UNS G10350
- 2) 65SiCrV - UNS G92540
- 3) ADC 12 - UNS A03840
- 4) ASTM A228 - UNS K08500
- 5) S50C - UNS G10500
- 6) SAE 1022 - UNS G10220
- 7) SWP - UNS G10600
- 8) AISI O6 - UNS T31506
- 9) AISI 1006 Steel - UNS G10060
- 10) AISI 1065 Steel - UNS G10650
- 11) JIS G 3101 - UNS S30400
- 12) JIS S45C - UNS G10450
- 13) JIS SCM435 - UNS G41350
- 14) ASTM9260 - UNS G92600
- 15) SWRH82B - UNS G10450
- 16) Mo8Cr4V2 - UNS T11310
- 17) Q195A - UNS K02401
- 18) JIS G3141 SPCC - UNS G10080
- 19) JIS G3131 SPHC - UNS G10100
- 20) 1018 Steel - UNS G10180
- 21) Aluminum A380.1 - UNS A13801
- 22) AISI 52100 Steel - UNS G52986
- 23) AISI 1045 Steel - UNS G10450
- 24) Q235 - UNS K02600
- 25) AISI 9255 Steel - UNS G92550
- 26) AISI 1020 Steel - UNS G10200
- 27) AISI 12L14 Steel - UNS G12144
- 28) A572 Grade 50 steel - UNS K02306
- 29) Zamak 5 - UNS Z35531
- 30) SWRH 72A - UNS G10450
- 31) SWRH62A - UNS G10450
- 32) EN 10270-1 SH spring wire - UNS K08500
- 33) C45 steel - UNS G10450
- 34) 18-8 stainless steel - UNS S30400
- 35) EN 10270-1 SH - UNS K08500
- 36) 302 Stainless Steel - UNS S30200
- 37) ASTM A227 - UNS K06501
- 38) AISI 1010 Steel - UNS G10100
- 39) AISI 1008 Steel - UNS G10080
- 40) AISI 1022 Steel - UNS G10220
- 41) SAE 9254 - UNS G92540
- 42) 1215 Steel - UNS G12150
- 43) Zamak 3 - UNS Z33520
- 44) ASTM A228 - UNS K08500
- 45) JIS STKM12B - UNS G10080
- 46) JIS SCP2 - UNS F32800
- 47) JIS SM45C - UNS G41500
- 48) JIS SMF4030 - UNS S43000
- 49) JIS SM25C - UNS G102500
- 50) JIS SB41P - UNS T41901
- 51) 65MN - UNS G10650
- 52) JIS SM50C - UNS G10490
- 53) JIS SWRCH22A - UNS G10200
- 54) JIS SPS4 - UNS G41400
- 55) AISI 1040 Steel - UNS G10400
- 56) AISI 1038 Steel - UNS G10380
- 57) I-535-3800 - UNS G10200

HAZARD DATA SOURCE: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2026-06-17 6:41:55

%: 0.0000 - 0.2820

GreenScreen: BM-2

RC: None

NANO: No

SUBSTANCE ROLE: Alloy element

HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS
MAM	US EPA - EPCRA Extremely Hazardous Substances	Extremely Hazardous Substances
MAM	GHS - New Zealand	Specific target organ toxicity - repeated exposure category 1
PHY	GHS - New Zealand	Pyrophoric solids category 1
EYE	GHS - New Zealand	Serious eye damage category 1
AQU	GHS - New Zealand	Hazardous to the aquatic environment - acute category 1
AQU	GHS - New Zealand	Hazardous to the aquatic environment - chronic category 1
MAM	Québec CSST - WHMIS 1988	Class D1A - Very toxic material causing immediate and serious toxic effects
SKI	GHS - New Zealand	Skin corrosion category 1A
MAM	GHS - New Zealand	Acute dermal toxicity category 1
MAM	GHS - New Zealand	Acute inhalation toxicity category 1
MAM	GHS - New Zealand	Acute oral toxicity category 1
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
RESTRICTED LIST	Cradle to Cradle Products Innovation Institute (C2CPII)	C2C Certified v4.1 Product Standard Restricted Substances - Effective July 1, 2025
		Cosmetics and Personal Care Products
RESTRICTED LIST	Cradle to Cradle Products Innovation Institute (C2CPII)	C2C Certified v5.0 Product Standard Restricted Substances - Effective March 16, 2026
		Cosmetics & Personal Care Products

SUBSTANCE NOTES: This element/CAS number comes from one or more of the following metal alloys:

- Metal Grade & equivalent UNS:
- 1) AISI 1035 Steel - UNS G10350
 - 2) 65SiCrV - UNS G92540
 - 3) ADC 12 - UNS A03840
 - 4) ASTM A228 - UNS K08500
 - 5) S50C - UNS G10500
 - 6) SAE 1022 - UNS G10220
 - 7) SWP - UNS G10600
 - 8) AISI O6 - UNS T31506
 - 9) AISI 1006 Steel - UNS G10060
 - 10) AISI 1065 Steel - UNS G10650
 - 11) JIS G 3101 - UNS S30400
 - 12) JIS S45C - UNS G10450
 - 13) JIS SCM435 - UNS G41350
 - 14) ASTM9260 - UNS G92600
 - 15) SWRH82B - UNS G10450
 - 16) Mo8Cr4V2 - UNS T11310
 - 17) Q195A - UNS K02401
 - 18) JIS G3141 SPCC - UNS G10080
 - 19) JIS G3131 SPHC - UNS G10100
 - 20) 1018 Steel - UNS G10180
 - 21) Aluminum A380.1 - UNS A13801
 - 22) AISI 52100 Steel - UNS G52986
 - 23) AISI 1045 Steel - UNS G10450
 - 24) Q235 - UNS K02600
 - 25) AISI 9255 Steel - UNS G92550
 - 26) AISI 1020 Steel - UNS G10200
 - 27) AISI 12L14 Steel - UNS G12144
 - 28) A572 Grade 50 steel - UNS K02306
 - 29) Zamak 5 - UNS Z35531
 - 30) SWRH 72A - UNS G10450
 - 31) SWRH62A - UNS G10450
 - 32) EN 10270-1 SH spring wire - UNS K08500
 - 33) C45 steel - UNS G10450
 - 34) 18-8 stainless steel - UNS S30400
 - 35) EN 10270-1 SH - UNS K08500
 - 36) 302 Stainless Steel - UNS S30200
 - 37) ASTM A227 - UNS K06501
 - 38) AISI 1010 Steel - UNS G10100
 - 39) AISI 1008 Steel - UNS G10080
 - 40) AISI 1022 Steel - UNS G10220
 - 41) SAE 9254 - UNS G92540
 - 42) 1215 Steel - UNS G12150
 - 43) Zamak 3 - UNS Z33520
 - 44) ASTM A228 - UNS K08500
 - 45) JIS STKM12B - UNS G10080
 - 46) JIS SCP2 - UNS F32800
 - 47) JIS SM45C - UNS G41500
 - 48) JIS SMF4030 - UNS S43000
 - 49) JIS SM25C - UNS G102500
 - 50) JIS SB41P - UNS T41901
 - 51) 65MN - UNS G10650
 - 52) JIS SM50C - UNS G10490
 - 53) JIS SWRCH22A - UNS G10200
 - 54) JIS SPS4 - UNS G41400
 - 55) AISI 1040 Steel - UNS G10400
 - 56) AISI 1038 Steel - UNS G10380
 - 57) I-535-3800 - UNS G10200

%: **0.0570 - 0.2160**

GreenScreen: **LT-P1**

RC: **None**

NANO: **No**

SUBSTANCE ROLE: **Alloy element**

HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS
END	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor
MUL	German FEA - Substances Hazardous to Waters	Class 2 - Hazard to Waters
REP	GHS - Japan	H360 - May damage fertility or the unborn child [Toxic to reproduction - Category 1B]
MAM	GHS - Japan	H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organs/systemic toxicity following repeated exposure - Category 1]
MAM	GHS - Australia	H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organ toxicity - repeated exposure - Category 1]
AQU	GHS - New Zealand	Hazardous to the aquatic environment - chronic category 3
AQU	GHS - Japan	H401 - Toxic to aquatic life [Hazardous to the aquatic environment (acute) - Category 2]
AQU	GHS - Japan	H411 - Toxic to aquatic life with long lasting effects [Hazardous to the aquatic environment (chronic) - Category 2]
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
RESTRICTED LIST	Cradle to Cradle Products Innovation Institute (C2CPII)	C2C Certified v4.1 Product Standard Restricted Substances - Effective July 1, 2025
		Children's Toy Products
RESTRICTED LIST	Cradle to Cradle Products Innovation Institute (C2CPII)	C2C Certified v5.0 Product Standard Restricted Substances - Effective March 16, 2026
		Children's Toy Products

SUBSTANCE NOTES: This element/CAS number comes from one or more of the following metal alloys:

Metal Grade & equivalent UNS:

- 1) AISI 1035 Steel - UNS G10350
- 2) 65SiCrV - UNS G92540
- 3) ADC 12 - UNS A03840
- 4) ASTM A228 - UNS K08500
- 5) S50C - UNS G10500
- 6) SAE 1022 - UNS G10220
- 7) SWP - UNS G10600
- 8) AISI O6 - UNS T31506
- 9) AISI 1006 Steel - UNS G10060
- 10) AISI 1065 Steel - UNS G10650
- 11) JIS G 3101 - UNS S30400
- 12) JIS S45C - UNS G10450
- 13) JIS SCM435 - UNS G41350
- 14) ASTM9260 - UNS G92600
- 15) SWRH82B - UNS G10450
- 16) Mo8Cr4V2 - UNS T11310
- 17) Q195A - UNS K02401
- 18) JIS G3141 SPCC - UNS G10080
- 19) JIS G3131 SPHC - UNS G10100
- 20) 1018 Steel - UNS G10180
- 21) Aluminum A380.1 - UNS A13801
- 22) AISI 52100 Steel - UNS G52986
- 23) AISI 1045 Steel - UNS G10450
- 24) Q235 - UNS K02600
- 25) AISI 9255 Steel - UNS G92550
- 26) AISI 1020 Steel - UNS G10200
- 27) AISI 12L14 Steel - UNS G12144
- 28) A572 Grade 50 steel - UNS K02306
- 29) Zamak 5 - UNS Z35531
- 30) SWRH 72A - UNS G10450
- 31) SWRH62A - UNS G10450
- 32) EN 10270-1 SH spring wire - UNS K08500
- 33) C45 steel - UNS G10450
- 34) 18-8 stainless steel - UNS S30400
- 35) EN 10270-1 SH - UNS K08500
- 36) 302 Stainless Steel - UNS S30200
- 37) ASTM A227 - UNS K06501
- 38) AISI 1010 Steel - UNS G10100
- 39) AISI 1008 Steel - UNS G10080
- 40) AISI 1022 Steel - UNS G10220
- 41) SAE 9254 - UNS G92540
- 42) 1215 Steel - UNS G12150
- 43) Zamak 3 - UNS Z33520
- 44) ASTM A228 - UNS K08500
- 45) JIS STKM12B - UNS G10080
- 46) JIS SCP2 - UNS F32800
- 47) JIS SM45C - UNS G41500
- 48) JIS SMF4030 - UNS S43000
- 49) JIS SM25C - UNS G102500
- 50) JIS SB41P - UNS T41901
- 51) 65MN - UNS G10650
- 52) JIS SM50C - UNS G10490
- 53) JIS SWRCH22A - UNS G10200
- 54) JIS SPS4 - UNS G41400
- 55) AISI 1040 Steel - UNS G10400
- 56) AISI 1038 Steel - UNS G10380
- 57) I-535-3800 - UNS G10200

HAZARD DATA SOURCE: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: 2026-06-17 6:41:57		
?: 0.0810 - 0.0810	GreenScreen: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Polymer species	
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS		
None found			No warnings found on HPD Priority Hazard Lists		
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION		
None found			No listings found on Additional Hazard Lists		
SUBSTANCE NOTES:					

COPPER

ID: 7440-50-8

HAZARD DATA SOURCE: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: 2026-06-17 6:42:00	
%: 0.0270 - 0.0560	GreenScreen: LT-P1	RC: None	NANO: No	SUBSTANCE ROLE: Alloy element
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS	
MUL	German FEA - Substances Hazardous to Waters		Class 2 - Hazard to Waters	
AQU	EU - GHS (H-Statements) Annex 6 Table 3-1		H411 - Toxic to aquatic life with long lasting effects [Hazardous to the aquatic environment (chronic) - Category 2]	
MAM	GHS - Japan		H335 - May cause respiratory irritation [Specific target organ toxicity - Single exposure - Category 3]	
MAM	GHS - Japan		H370 - Causes damage to organs [Specific target organs/systemic toxicity following single exposure - Category 1]	

ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
RESTRICTED LIST	Perkins+Will (P+W)	P&W - Precautionary List Precautionary list of substances recommended for avoidance
RESTRICTED LIST	Green Science Policy Institute (GSPI)	GSPI - Six Classes Precautionary List Antimicrobials
RESTRICTED LIST	Cradle to Cradle Products Innovation Institute (C2CPII)	C2C Certified v4.1 Product Standard Restricted Substances - Effective July 1, 2025 Children's Toy Products
RESTRICTED LIST	Cradle to Cradle Products Innovation Institute (C2CPII)	C2C Certified v4.1 Product Standard Restricted Substances - Effective July 1, 2025 Cosmetics and Personal Care Products
RESTRICTED LIST	Cradle to Cradle Products Innovation Institute (C2CPII)	C2C Certified v5.0 Product Standard Restricted Substances - Effective March 16, 2026 Children's Toy Products
SUBSTANCE NOTES:		

NYLON-66 (POLY[IMINO(1,6-DIOXO-1,6- HEXANEDIYL)IMINO-1,6-HEXANEDIYL])					ID: 32131-17-2
HAZARD DATA SOURCE: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: 2026-06-17 6:42:01		
?: 0.0350 - 0.0550	GreenScreen: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Polymer species	
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS		
None found			No warnings found on HPD Priority Hazard Lists		
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION		
None found			No listings found on Additional Hazard Lists		
SUBSTANCE NOTES:					

CARBON				ID: 7440-44-0
HAZARD DATA SOURCE: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2026-06-17 6:42:03		
%: 0.0080 - 0.0420	GreenScreen: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Alloy element
HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS		
None found		No warnings found on HPD Priority Hazard Lists		

None found

No listings found on Additional Hazard Lists

SUBSTANCE NOTES: This element/CAS number comes from one or more of the following metal alloys:

- Metal Grade & equivalent UNS:
- 1) AISI 1035 Steel - UNS G10350
 - 2) 65SiCrV - UNS G92540
 - 3) ADC 12 - UNS A03840
 - 4) ASTM A228 - UNS K08500
 - 5) S50C - UNS G10500
 - 6) SAE 1022 - UNS G10220
 - 7) SWP - UNS G10600
 - 8) AISI O6 - UNS T31506
 - 9) AISI 1006 Steel - UNS G10060
 - 10) AISI 1065 Steel - UNS G10650
 - 11) JIS G 3101 - UNS S30400
 - 12) JIS S45C - UNS G10450
 - 13) JIS SCM435 - UNS G41350
 - 14) ASTM9260 - UNS G92600
 - 15) SWRH82B - UNS G10450
 - 16) Mo8Cr4V2 - UNS T11310
 - 17) Q195A - UNS K02401
 - 18) JIS G3141 SPCC - UNS G10080
 - 19) JIS G3131 SPHC - UNS G10100
 - 20) 1018 Steel - UNS G10180
 - 21) Aluminum A380.1 - UNS A13801
 - 22) AISI 52100 Steel - UNS G52986
 - 23) AISI 1045 Steel - UNS G10450
 - 24) Q235 - UNS K02600
 - 25) AISI 9255 Steel - UNS G92550
 - 26) AISI 1020 Steel - UNS G10200
 - 27) AISI 12L14 Steel - UNS G12144
 - 28) A572 Grade 50 steel - UNS K02306
 - 29) Zamak 5 - UNS Z35531
 - 30) SWRH 72A - UNS G10450
 - 31) SWRH62A - UNS G10450
 - 32) EN 10270-1 SH spring wire - UNS K08500
 - 33) C45 steel - UNS G10450
 - 34) 18-8 stainless steel - UNS S30400
 - 35) EN 10270-1 SH - UNS K08500
 - 36) 302 Stainless Steel - UNS S30200
 - 37) ASTM A227 - UNS K06501
 - 38) AISI 1010 Steel - UNS G10100
 - 39) AISI 1008 Steel - UNS G10080
 - 40) AISI 1022 Steel - UNS G10220
 - 41) SAE 9254 - UNS G92540
 - 42) 1215 Steel - UNS G12150
 - 43) Zamak 3 - UNS Z33520
 - 44) ASTM A228 - UNS K08500
 - 45) JIS STKM12B - UNS G10080
 - 46) JIS SCP2 - UNS F32800
 - 47) JIS SM45C - UNS G41500
 - 48) JIS SMF4030 - UNS S43000
 - 49) JIS SM25C - UNS G102500
 - 50) JIS SB41P - UNS T41901
 - 51) 65MN - UNS G10650
 - 52) JIS SM50C - UNS G10490
 - 53) JIS SWRCH22A - UNS G10200
 - 54) JIS SPS4 - UNS G41400
 - 55) AISI 1040 Steel - UNS G10400
 - 56) AISI 1038 Steel - UNS G10380
 - 57) I-535-3800 - UNS G10200

HAZARD DATA SOURCE: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: 2026-06-17 6:42:04	
?: 0.0200 - 0.0400	GreenScreen: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Alloy element
HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS		
PHY	EU - GHS (H-Statements) Annex 6 Table 3-1	H260 - In contact with water releases flammable gases which may ignite spontaneously [Substances and mixtures which, in contact with water, emit flammable gases - Category 1]		
PHY	EU - GHS (H-Statements) Annex 6 Table 3-1	H250 - Catches fire spontaneously if exposed to air [Pyrophoric liquids; Pyrophoric solids - Category 1]		
MAM	GHS - Japan	H335 - May cause respiratory irritation [Specific target organ toxicity - Single exposure - Category 3]		
PHY	GHS - Australia	H250 - Catches fire spontaneously if exposed to air [Pyrophoric liquids; Pyrophoric solids - Category 1]		
SKI	GHS - Japan	H315 - Causes skin irritation [Skin corrosion / irritation - Category 2]		
PHY	GHS - Australia	H260 - In contact with water releases flammable gases which may ignite spontaneously [Substances and mixtures which, in contact with water, emit flammable gases - Category 1]		
EYE	GHS - Japan	H319 - Causes serious eye irritation [Serious eye damage / eye irritation - Category 2A]		
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION		
None found		No listings found on Additional Hazard Lists		

SUBSTANCE NOTES: This element/CAS number comes from one or more of the following metal alloys:

Metal Grade & equivalent UNS:

- 1) AISI 1035 Steel - UNS G10350
- 2) 65SiCrV - UNS G92540
- 3) ADC 12 - UNS A03840
- 4) ASTM A228 - UNS K08500
- 5) S50C - UNS G10500
- 6) SAE 1022 - UNS G10220
- 7) SWP - UNS G10600
- 8) AISI O6 - UNS T31506
- 9) AISI 1006 Steel - UNS G10060
- 10) AISI 1065 Steel - UNS G10650
- 11) JIS G 3101 - UNS S30400
- 12) JIS S45C - UNS G10450
- 13) JIS SCM435 - UNS G41350
- 14) ASTM9260 - UNS G92600
- 15) SWRH82B - UNS G10450
- 16) Mo8Cr4V2 - UNS T11310
- 17) Q195A - UNS K02401
- 18) JIS G3141 SPCC - UNS G10080
- 19) JIS G3131 SPHC - UNS G10100
- 20) 1018 Steel - UNS G10180
- 21) Aluminum A380.1 - UNS A13801
- 22) AISI 52100 Steel - UNS G52986
- 23) AISI 1045 Steel - UNS G10450
- 24) Q235 - UNS K02600
- 25) AISI 9255 Steel - UNS G92550
- 26) AISI 1020 Steel - UNS G10200
- 27) AISI 12L14 Steel - UNS G12144
- 28) A572 Grade 50 steel - UNS K02306
- 29) Zamak 5 - UNS Z35531
- 30) SWRH 72A - UNS G10450
- 31) SWRH62A - UNS G10450
- 32) EN 10270-1 SH spring wire - UNS K08500
- 33) C45 steel - UNS G10450
- 34) 18-8 stainless steel - UNS S30400
- 35) EN 10270-1 SH - UNS K08500
- 36) 302 Stainless Steel - UNS S30200
- 37) ASTM A227 - UNS K06501
- 38) AISI 1010 Steel - UNS G10100
- 39) AISI 1008 Steel - UNS G10080
- 40) AISI 1022 Steel - UNS G10220
- 41) SAE 9254 - UNS G92540
- 42) 1215 Steel - UNS G12150
- 43) Zamak 3 - UNS Z33520
- 44) ASTM A228 - UNS K08500
- 45) JIS STKM12B - UNS G10080
- 46) JIS SCP2 - UNS F32800
- 47) JIS SM45C - UNS G41500
- 48) JIS SMF4030 - UNS S43000
- 49) JIS SM25C - UNS G102500
- 50) JIS SB41P - UNS T41901
- 51) 65MN - UNS G10650
- 52) JIS SM50C - UNS G10490
- 53) JIS SWRCH22A - UNS G10200
- 54) JIS SPS4 - UNS G41400
- 55) AISI 1040 Steel - UNS G10400
- 56) AISI 1038 Steel - UNS G10380
- 57) I-535-3800 - UNS G10200

%: **0.0100 - 0.0280**

GreenScreen: **LT-UNK**

RC: **None**

NANO: **No**

SUBSTANCE ROLE: **Alloy element**

HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS
None found		No warnings found on HPD Priority Hazard Lists

ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
None found		No listings found on Additional Hazard Lists

SUBSTANCE NOTES: This element/CAS number comes from one or more of the following metal alloys:

Metal Grade & equivalent UNS:

- 1) AISI 1035 Steel - UNS G10350
- 2) 65SiCrV - UNS G92540
- 3) ADC 12 - UNS A03840
- 4) ASTM A228 - UNS K08500
- 5) S50C - UNS G10500
- 6) SAE 1022 - UNS G10220
- 7) SWP - UNS G10600
- 8) AISI O6 - UNS T31506
- 9) AISI 1006 Steel - UNS G10060
- 10) AISI 1065 Steel - UNS G10650
- 11) JIS G 3101 - UNS S30400
- 12) JIS S45C - UNS G10450
- 13) JIS SCM435 - UNS G41350
- 14) ASTM9260 - UNS G92600
- 15) SWRH82B - UNS G10450
- 16) Mo8Cr4V2 - UNS T11310
- 17) Q195A - UNS K02401
- 18) JIS G3141 SPCC - UNS G10080
- 19) JIS G3131 SPHC - UNS G10100
- 20) 1018 Steel - UNS G10180
- 21) Aluminum A380.1 - UNS A13801
- 22) AISI 52100 Steel - UNS G52986
- 23) AISI 1045 Steel - UNS G10450
- 24) Q235 - UNS K02600
- 25) AISI 9255 Steel - UNS G92550
- 26) AISI 1020 Steel - UNS G10200
- 27) AISI 12L14 Steel - UNS G12144
- 28) A572 Grade 50 steel - UNS K02306
- 29) Zamak 5 - UNS Z35531
- 30) SWRH 72A - UNS G10450
- 31) SWRH62A - UNS G10450
- 32) EN 10270-1 SH spring wire - UNS K08500
- 33) C45 steel - UNS G10450
- 34) 18-8 stainless steel - UNS S30400
- 35) EN 10270-1 SH - UNS K08500
- 36) 302 Stainless Steel - UNS S30200
- 37) ASTM A227 - UNS K06501
- 38) AISI 1010 Steel - UNS G10100
- 39) AISI 1008 Steel - UNS G10080
- 40) AISI 1022 Steel - UNS G10220
- 41) SAE 9254 - UNS G92540
- 42) 1215 Steel - UNS G12150
- 43) Zamak 3 - UNS Z33520
- 44) ASTM A228 - UNS K08500
- 45) JIS STKM12B - UNS G10080
- 46) JIS SCP2 - UNS F32800
- 47) JIS SM45C - UNS G41500
- 48) JIS SMF4030 - UNS S43000
- 49) JIS SM25C - UNS G102500
- 50) JIS SB41P - UNS T41901
- 51) 65MN - UNS G10650
- 52) JIS SM50C - UNS G10490
- 53) JIS SWRCH22A - UNS G10200
- 54) JIS SPS4 - UNS G41400
- 55) AISI 1040 Steel - UNS G10400
- 56) AISI 1038 Steel - UNS G10380
- 57) I-535-3800 - UNS G10200

PHENOL-FORMALDEHYDE RESIN (PHENOL, POLYMER WITH FORMALDEHYDE)				ID: 9003-35-4	
HAZARD DATA SOURCE: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: 2026-06-17 6:42:07		
%: 0.0100 - 0.0180	GreenScreen: LT-P1	RC: None	NANO: No	SUBSTANCE ROLE: Polymer species	
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS		
None found			No warnings found on HPD Priority Hazard Lists		
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION		
RESTRICTED LIST	International Living Future Institute (ILFI)		Living Building Challenge 4.0 - Red List of Materials & Chemicals - Effective February 1, 2025		
			Red List substances to avoid in Living Building Challenge V4.0 projects		
SUBSTANCE NOTES:					

CELLULOSE, MICROCRYSTALLINE (CELLULOSE)				ID: 9004-34-6	
HAZARD DATA SOURCE: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: 2026-06-17 6:42:08		
%: 0.0100 - 0.0170	GreenScreen: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Biological material	
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS		
None found			No warnings found on HPD Priority Hazard Lists		
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION		
None found			No listings found on Additional Hazard Lists		
SUBSTANCE NOTES:					

Section 3: 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.

VOC EMISSIONS	SCS Indoor Advantage Gold - Classroom & Office scenario	
COMPLIANCE TYPE: Third-party certification CERTIFIER/VERIFIER/TESTING LAB/AUDITOR: SCS Global services COMPLIANCE DETAILS: COMPLIANCE SCOPE: Product Line APPLICABLE FACILITIES: All HNI Facilities. COMPLIANCE URL: https://cdn.scs-certified.com/products/cert_pdfs/HON_2026_SCS-IAQ-02743_v2_s.pdf COMPLIANCE NOTES:	ISSUE DATE: 2026-01-01	EXPIRY DATE: 2026-12-31
MULTI-ATTRIBUTE	BIFMA Furniture Sustainability Level 3 (e3-2019)	
COMPLIANCE TYPE: Third-party certification CERTIFIER/VERIFIER/TESTING LAB/AUDITOR: SCS Global services COMPLIANCE DETAILS: COMPLIANCE SCOPE: Product Line APPLICABLE FACILITIES: All HNI Facilities. COMPLIANCE URL: https://cdn.scs-certified.com/products/cert_pdfs/HON_2026_SCS-SCF-09022_s.pdf COMPLIANCE NOTES:	ISSUE DATE: 2025-12-01	EXPIRY DATE: 2028-05-31

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

Not Applicable .

MANUFACTURER INFORMATION

MANUFACTURER: **HNI Corporation**
ADDRESS: **600 E 2nd St**
Muscatine, Iowa 52761
COUNTRY: **United States**

WEBSITE: **<https://www.hnicorp.com/>**
CONTACT NAME: **Eddie Ergican**
TITLE: **Vice President**
PHONE: **563-449-2828**
EMAIL: **ErgicanE@hniworkplacefurnishings.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	LAN Land toxicity	PHY Physical hazard (flammable or reactive)
CAN Cancer	MAM Mammalian/systemic/organ toxicity	REP Reproductive
DEV Developmental toxicity	MUL Multiple	RES Respiratory sensitization
END Endocrine activity	NEU Neurotoxicity	SKI Skin sensitization/irritation/corrosivity
EYE Eye irritation/corrosivity	NF Not found on Priority Hazard Lists	UNK Unknown
GEN Gene mutation	OZO Ozone depletion	
GLO Global warming	PBT Persistent, bioaccumulative, and toxic	

GreenScreen (GS)

BM-4 Benchmark 4 (prefer-safer chemical)	LT-P1 List Translator Possible 1 (Possible Benchmark-1)
BM-3 Benchmark 3 (use but still opportunity for improvement)	LT-1 List Translator 1 (Likely Benchmark-1)
BM-2 Benchmark 2 (use but search for safer substitutes)	LT-UNK List Translator Benchmark Unknown
BM-1 Benchmark 1 (avoid - chemical of high concern)	NoGS No GreenScreen.
BM-U Benchmark Unspecified (due to insufficient data)	

GreenScreen Benchmark scores sometimes also carry subscripts, which provide more context for how the score was determined. These are DG (data gap), TP (transformation product), and CoHC (chemical of high concern). For more information, see 2.2.2.4 GreenScreen® for Safer Chemicals, www.greenscreenchemicals.org, and Best Practices for Hazard Screening on the HPDC website (hpd-collaborative.org).

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 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.