



Safety Data Sheet

According to OSHA Hazard Communication Standard, 29 CFR 19110.1200

Effective date: 07.18.2016

DYNA CORE®

SECTION 1: Identification

Material name: Dyna Core®

Product code: Dyna Core®

Recommended use of the product and restriction on use:

Building Material - Industrial, Construction, Component Parts.

Manufacturer or supplier details

Manufacturer:

Affiliated Resources
5 Centerpointe Drive, Suite 530
Lake Oswego, OR 97035
(503) 228-3802

Supplier:

Affiliated Resources
5 Centerpointe Drive, Suite 530
Lake Oswego, OR 97035
(503) 228-3802

Emergency telephone number:

Affiliated Resources

(503) 228-3802

SECTION 2: Hazard(s) identification

GHS classification:

Combustible dust.

Skin sensitization, category 1.

Respiratory sensitization, category 1.

Carcinogenicity, category 1A.

Specific target organ toxicity - single exposure, category 3, respiratory irritation.

Specific target organ toxicity - repeated exposure, category 1.

Label elements

Hazard pictograms:



Signal word: Danger

Hazard statements:

H900 May form combustible dust concentrations in air

H317 May cause an allergic skin reaction

H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled

H350 May cause cancer

H335 May cause respiratory irritation

H372 Causes damage to organs through prolonged or repeated exposure

Precautionary statements:

P201 Obtain special instructions before use.

P202 Do not handle until all safety precautions have been read and understood.

P260 Do not breathe dust/fume/gas/mist/vapors/spray.

P264 Wash skin thoroughly after handling.

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- P270 Do not eat, drink or smoke when using this product.
 P271 Use only outdoors or in a well-ventilated area.
 P272 Contaminated work clothing should not be allowed out of the workplace.
 P280 Wear protective gloves/protective clothing/eye protection/face protection.
 P285 In case of inadequate ventilation wear respiratory protection.
 P302+P352 If on skin: Wash with soap and water.
 P304+P340+P312 If inhaled: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a poison center or doctor/physician if you feel unwell.
 P308+P313 If exposed or concerned: Get medical advice/attention.
 P321 Specific treatment (see supplemental first aid instructions on this label).
 P333+P313 If skin irritation or a rash occurs: Get medical advice/attention.
 P363 Wash contaminated clothing before reuse.
 P403+P233 Store in a well ventilated place. Keep container tightly closed.
 P405 Store locked up.
 P501 Dispose of contents and container as instructed in Section 13.

Hazards not otherwise classified:

Warning! May form combustible dust concentrations in air.

Note: These products are not hazardous in the form they are shipped by the manufacturer but may become hazardous as the result of downstream activities (e.g. cutting and sanding) which creates small particles resulting in the hazard classification.

SECTION 3: Composition/information on ingredients

Identification	Name	Wt. %
CAS number: N/A	Wood/wood dust	90-97
CAS number: 9011-05-6	UF Resin	3-10

SECTION 4: First aid measures

Description of first aid measures

After inhalation:

- Take precautions to ensure your own safety.
- Remove source of exposure or move person to fresh air.
- Get medical advice if you feel unwell or concerned.

After skin contact:

- Rinse affected area with soap and water.
- If symptoms develop or persist, seek medical attention.

After eye contact:

- No information available.

After swallowing:

- Rinse mouth and then drink plenty of water.
- Do not induce vomiting.
- Get medical advice/attention if you feel unwell.



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Most important symptoms and effects, both acute and delayed

Acute symptoms:

No information available.

Delayed symptoms:

No information available.

Immediate medical attention and special treatment:

No information available.

SECTION 5: Firefighting measures

Extinguishing media

Suitable extinguishing media:

Use appropriate fire suppression agents for adjacent combustible materials or sources of ignition.

Unsuitable extinguishing media:

No information available.

Specific hazards during fire-fighting:

Thermal decomposition can lead to release of irritating gases and vapors.

Special protective equipment for firefighters:

Wear protective eye wear, gloves and clothing.

Refer to Section 8.

Use typical firefighting equipment, self-contained breathing apparatus, special tightly sealed suit.

Additional information:

Avoid inhaling gases, fumes, dust, mist, vapor and aerosols.

Avoid contact with skin, eyes and clothing.

SECTION 6: Accidental release measures

Personal precautions, protective equipment and emergency procedures:

Ensure adequate ventilation.

Ensure air handling systems are operational.

Environmental precautions:

Should not be released into the environment.

Prevent from reaching drains, sewer or waterway.

Methods and material for containment and cleaning up:

Wear protective eye wear, gloves and clothing.

Sweep or scoop up solid material while minimizing dust generation.

Dispose of contents / container in accordance with local regulations.

Reference to other sections:

None



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SECTION 7: Handling and storage

Precautions for safe handling:

- Do not eat, drink, smoke or use personal products when handling chemical substances.
- Avoid breathing mist or vapor.
- Use only with adequate ventilation.

Conditions for safe storage, including any incompatibilities:

- Store in a cool, well-ventilated area.
- Store away from foodstuffs.

SECTION 8: Exposure controls/personal protection

Components with workplace control parameters:

Component name	Identifier	Permissible concentration
Wood/wood dust	0000-00-0	ACGIH TLV STEL: 10 mg/m ³
Wood/wood dust	0000-00-0	OSHA PEL 8-hr Time-Weighted Avg: 5.0 mg/m ³ , (respirable fraction)
Wood/wood dust	0000-00-0	OSHA PEL 8-hr Time-Weighted Avg:15 mg/m ³ , (Total dust)
Wood/wood dust	0000-00-0	ACGIH TLV STEL: 10 mg/m ³
Wood/wood dust	0000-00-0	OSHA PEL 8-hr Time-Weighted Avg: 5.0 mg/m ³ , (respirable fraction)
Wood/wood dust	0000-00-0	OSHA PEL 8-hr Time-Weighted Avg:15 mg/m ³ , (Total dust)

Appropriate engineering controls:

- Emergency eye wash fountains and safety showers should be available in the immediate vicinity of use or handling.
- Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapor and mists below the applicable workplace exposure limits (Occupational Exposure Limits-OELs) indicated above.

Respiratory protection:

- For limited exposure use an N95 dust mask.
- For prolonged exposure use and air-purifying respirator with high efficiency particulate air (HEPA) filters.
- When necessary, use NIOSH-approved breathing equipment.

Eye protection:

- Safety goggles or glasses, or appropriate eye protection.

Skin and body protection:

- Select glove material impermeable and resistant to the substance.
- Select glove material based on rates of diffusion and degradation.

General hygienic measures:

- Wash hands before breaks and at the end of work.
- Avoid contact with skin, eyes and clothing.
- Perform routine housekeeping.
- Wash contaminated clothing before reusing.



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SECTION 9: Physical and chemical properties

Appearance (physical state, color):	Solid	Explosion limit lower: Explosion limit upper:	Not determined or not available. Not determined or not available.
Odor:	Not determined or not available.	Vapor pressure:	Not determined or not available.
Odor threshold:	Not determined or not available.	Vapor density:	Not determined or not available.
pH-value:	Not determined or not available.	Relative density:	Not determined or not available.
Melting/Freezing point:	Not determined or not available.	Solubilities:	< 0.1% in water.
Boiling point/range:	Not determined or not available.	Partition coefficient (n-octanol/water):	Not determined or not available.
Flash point (closed cup):	Not determined or not available.	Auto/Self-ignition temperature:	Not determined or not available.
Evaporation rate:	Not determined or not available.	Decomposition temperature:	Not determined or not available.
Flammability (solid, gaseous):	Not determined or not available.	Dynamic viscosity:	Not determined or not available.
Density:	Not determined or not available.	Kinematic viscosity:	Not determined or not available.

SECTION 10: Stability and reactivity

Reactivity:

Does not react under normal conditions of use and storage.

Chemical stability:

Stable under normal conditions of use and storage.

Possibility of hazardous reactions:

None under normal conditions of use and storage.

Conditions to avoid:

None known.

Incompatible materials:

None known.

Hazardous decomposition products:

None known.



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SECTION 11: Toxicological information

Exposure routes:

No information available.

Acute toxicity:

No information available.

Skin corrosion/irritation:

No information available.

Serious eye damage/irritation:

Wood/ wood dust: Causes eye irritation.

Respiratory or skin sensitization:

No information available.

Carcinogenicity:

: Wood dust is listed as carcinogenic by NTP, OSHA, and IARC. IARC - Group 1: Carcinogenic to humans; sufficient evidence of carcinogenicity.

IARC (International Agency for Research on Cancer):

Group 1 - Carcinogenic to humans: Wood/wood dust.

NTP (National Toxicology Program):

Known to be human carcinogens: Wood Dust.

Germ cell mutagenicity:

No information available.

Reproductive toxicity:

No information available.

STOT-single and repeated exposure:

Wood/ wood dust: Single and repeated exposure: Component affects respiratory system.

Aspiration toxicity:

No information available.

Additional toxicological information

No information available.

SECTION 12: Ecological information

Ecotoxicity:

No information available.



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Persistence and degradability:

No information available.

Bioaccumulative potential:

No information available.

Mobility in soil:

No information available.

Other adverse effects:

No information available.

SECTION 13: Disposal considerations

Disposal methods:

It is the responsibility of the waste generator to properly characterize all waste materials according to applicable regulatory entities. (US 40CFR262.11). Wood and wood dust is not considered hazardous waste under Federal Hazardous Waste Regulations. (40 CFR 261.).

SECTION 14: Transportation information

Land transport:

DOT (49 CFR) transport

UN Number:	Not regulated
UN Proper shipping name:	Not regulated
UN Transport hazard classes:	Not Regulated
Packing group:	Not regulated
Danger label:	None
Environmental hazards:	No
Special precautions for user:	None

Air transport:

IATA-DGR

UN Number:	Not regulated
UN Proper shipping name:	Not regulated
UN Transport hazard classes:	Not Regulated
Packing group:	Not regulated
Danger label:	None
Environmental hazards:	No
Special precautions for user:	None



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Sea transport:

IMDG

UN Number:	Not regulated
UN Proper shipping name:	Not regulated
UN Transport hazard classes:	Not Regulated
Packing group:	Not regulated
Danger label:	None
EMS code:	None
Environmental hazards:	No
Special precautions for user:	None
Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code: Not applicable	

SECTION 15: Regulatory information

North American

SARA Section 311/312 (Specific toxic chemical listings):

Acute, Chronic

SARA Section 302 (Extremely hazardous substances):

SARA Section 313 (Specific toxic chemical listings):

TSCA (Toxic Substances Control Act):

One or more ingredients are not listed.

TSCA Rules and Orders:

Not applicable.

Proposition 65 (California):

Chemicals known to cause cancer:

N/A Wood/ wood dust.

Chemicals known to cause reproductive toxicity for females:

None of the ingredients are listed.

Chemicals known to cause reproductive toxicity for males:

None of the ingredients are listed.

Chemicals known to cause developmental toxicity:

None of the ingredients are listed.

California's Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65): Title 22 California Code of Regulations requires that a clear and reasonable warning be given before exposure to chemicals listed by the State of California as causing cancer or reproductive toxicity. Wood dust and Formaldehyde is on California's list of chemicals known to the State to cause cancer and methanol is on California's list known to the State to cause birth defects or other reproductive harm.

Prop 65 WARNING:



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Drilling, sawing, sanding or machining wood products generates wood dust and other substances known to the State of California to cause cancer. Avoid inhaling dust generated from wood products or use a dust mask or other safeguards for personal protection. Wood products emit chemicals known to the State of California to cause birth defects or other reproductive harm.

Canada

DSL (Canadian Domestic Substances List):

One or more ingredients are not listed.

SECTION 16: Other information

Abbreviations and Acronyms: None

This product has been classified in accordance with hazard criteria of the Controlled Products Regulations and the SDS contains all the information required by the Controlled Products Regulations. The responsibility to provide a safe workplace remains with the user. The user should consider the health hazards and safety information contained herein as a guide and should take those precautions required in an individual operation to instruct employees and develop work practice procedures for a safe work environment. The information contained herein is, to the best of our knowledge and belief, accurate. However, since the conditions of handling and use are beyond our control, we make no guarantee of results, and assume no liability for damages incurred by the use of this material. It is the responsibility of the user to comply with all applicable laws and regulations applicable to this material.

NFPA: 1-1-0

HMIS: 1-1-0