



Oorja Methanol Safety Information

45473 Warm Springs Boulevard, Fremont, California 94539
1-510-659-1899 | www.oorjafuelcells.com

Oorja Methanol Safety Information: Basic Facts

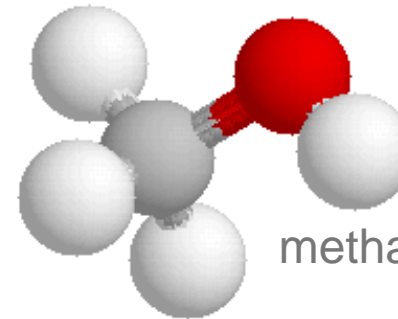
Hazardous characteristics:

- Flammable
- Toxic



Identification:

- Aka methyl hydrate, wood spirits, methyl hydroxide, methyl alcohol
- Colorless liquid composed of carbon, hydrogen, and oxygen



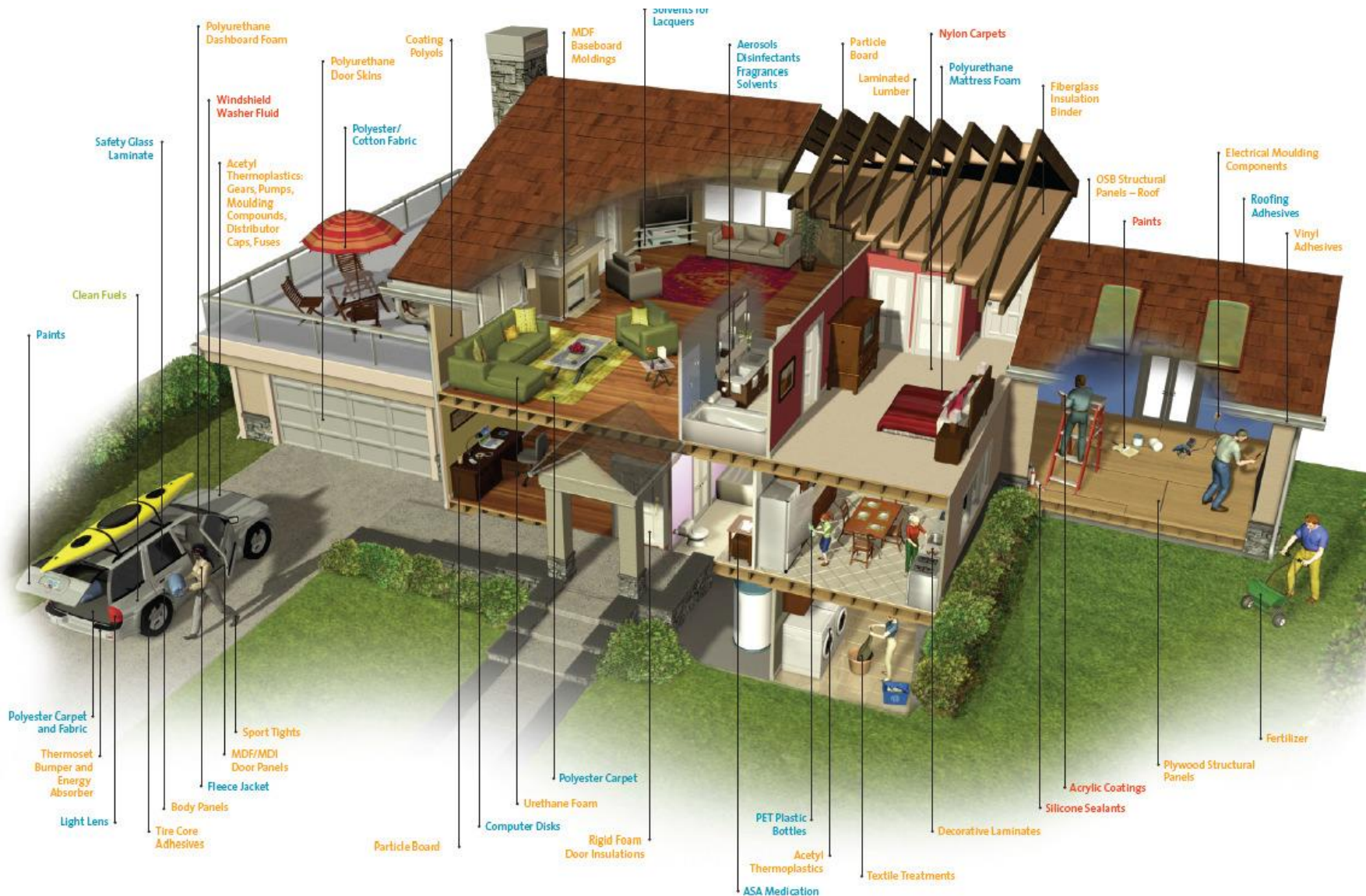
methanol CH₃OH

Common uses:

- Windshield wiper fluid, de-icer
- Treatment of wastewater and sewage
- Fuel for race cars
- Marine and camping stove fuel
- Paint stripper



Oorja Methanol Safety Information: Common Uses



Oorja Methanol Safety Information: Spill and Fire Safety

Keep away from sparks, open flames and other ignition sources

In the event of a spill or fire

- Keep clear of area; do not walk through spilled methanol.
- Avoid inhalation of vapors; stay upwind.
- Methanol vapors are slightly heavier than air and may travel along the ground before reaching a point of ignition.
- Call Emergency Response Team.



Spill Information

- In small liquid spill, absorb with earth, sand, or other non-combustible material.
- In large liquid spill, dike far ahead; a vapor-suppressing foam or water spray may be used to reduce vapors; absorb with earth, sand, or other non-combustible material.
- Use clean, non-sparking tools to collect absorbed material and transfer to containers for later disposal.
- Follow local emergency protocol for handling.

Fire Information

- Flash point: 52° F (ref. gasoline < -49° F)
- Lower flammable limit: 6.0 % (ref. gasoline 1.5%) volume in air
- Methanol burns with a clear flame and may be difficult to see in bright daylight.
- Methanol fires can be extinguished with water, CO₂, dry chemical, or aqueous (alcohol-resistant) foam extinguishers.