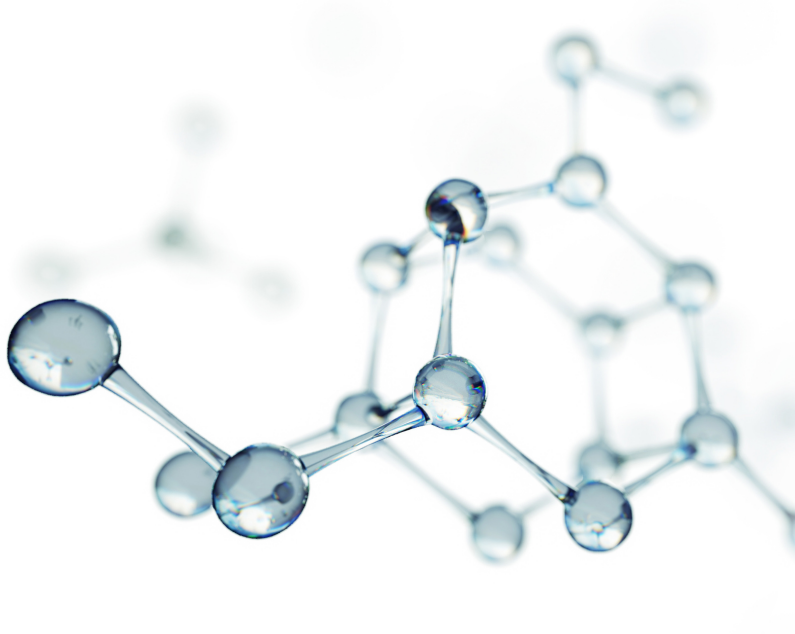
neptune INC
NANO TECHNOLOGIES

NEPTUNE ANOTECHNOLOGY

Next Generation Nano-structured Material Derived from Ocean Waste

The culmination of a decade of research and development, the combination of both high performance and environmental sustainability, speaks to us to find out how Neptune is creating a brand-new class of innovative nano-structured material from organic ocean waste via proprietary technology.



"Advanced, Renewable, High Performance"

Neptune Nanotechnologies Inc. is an early-stage tech Startup active in the bio-nano material space. Specifically, we are commercializing a technology that can convert organic fishing waste into ultra-high value nanocrystals. They function as physical additives where a small quantity of nanocrystals added can drastically increase the strength, stiffness, crack resistance and barrier properties of the underling material. And they have a wide range of applications including but not limited to aerospace and automotive composites, high barrier films and packaging, structural adhesives, 3D printed materials, biomedical devices and even energy storage devices. We own proprietary IP, have a strong team lead by a Forbes 30 under 30 founder and we closely collaborate with leading research institutions such as the University of Toronto and York university

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Our Team

Aaron Guan

Founder and CEO

Serial entrepreneur
Forbes 30 under 30

Winfield Ding

CFO

CPA, CA, Former CFO of TSXV public company

Dr. Sara Koul

Sr. Scientist

Former Sr. Scientist at Dow Chemicals

Applications

BIODEGRADABLES

Neptune can supercharge the biodegradable materials industry by enabling higher performance and even better sustainability.

AEROSPACE

Neptune is disrupting the aerospace, automotive industries by enabling the creation of stronger, tougher, lighter, and greener composites

BIOMEDICALS

Neptune is disrupting the biomedical industry by making next-generation implantable medical devices better, safer, and more biocompatible.

ADHESIVE/COATING

Neptune is disrupting the adhesives and coatings industry by enabling the creation of high-performance adhesives/coatings with programmable rheology.

3D PRINTING

Neptune is disrupting the additive manufacturing/3D printing industry by enabling the creation of high strength nano-structured 3D printing material.

PACKAGING

NNeptune is disrupting the packaging industry by enabling next generation packaging plastics to be higher performance, smarter, recyclable and biodegradable.

Our Solution: Chitin Nanocrystal

- Stronger than Steel
- Lighter than Plastic
- 10K times smaller than hair
- Fully Biodegradable
- Fully Biocompatible
- Non-Toxic