Gmail Marie Seshat Landry (Marie Landry's Spy Shop) <marielandryceo@gmail.com>

Potential Military Applications of Hemp-derived Carbon Nano Sheets

NCIA - Acquisition, Industry Relations <IndustryRelations@ncia.nato.int> Fri, Apr 21, 2023 at 10:34
To: Marie Landry <marielandryceo@gmail.com>, industryRelations@ncia.nato.int <industryRelations@ncia.nato.int>

Ms Landry,

Thank you for your e-mail.

We would like to store this solution in our Capability Statements Repository, this is possible only if there is a company that is providing this solution as a commercial product?

Thank you in advance.

Regards,

Industry Relations

NATO Communications and Information Agency

Boulevard Leopold III

1110 Brussels, Belgium

www.ncia.nato.int

From: Marie Landry <marielandryceo@gmail.com>
Sent: 14 March 2023 00:09
To: industryRelations@ncia.nato.int
Subject: Fwd: Potential Military Applications of Hemp-derived Carbon Nano Sheets

---------- Forwarded message ---------
From: **Marie Landry** <marielandryceo@gmail.com>
Date: Mon, 13 Mar 2023 at 20:03

Subject: Potential Military Applications of Hemp-derived Carbon Nano Sheets
To: <DND_MND@forces.gc.ca>, <mailbox.ypp@hq.nato.int>, Prime Minister | Premier Ministre <pm@pm.gc.ca>

Canadian Minister of National Defense and NATO

From: Marie Landry, Canadian Citizen

Subject: Potential Military Applications of Hemp-derived Carbon Nano Sheets

Date: [2023-03-13]

Introduction:

The purpose of this intelligence report is to provide an update on the potential military applications of hemp-derived carbon nano sheets (CNS) and to highlight their advantages over traditional
materials in various military equipment.

Background:

Hemp-derived CNS have shown great potential in various industrial and commercial applications due to their exceptional mechanical, thermal, and electrical properties. The unique properties of hemp-derived
CNS have attracted attention in the military sector, where there is a constant demand for strong, durable, and lightweight equipment. It is also incredibly cheap to produce.

Potential Military Applications:

The Canadian Ministry of Defense and NATO can benefit from the use of hemp-derived CNS in the development of various military equipment. These applications include:

1. Armored Submarines and Boats: Hemp-derived CNS possess high tensile strength and are more durable than traditional metal-based materials, making them suitable for use in developing strong and impact-resistant armored submarines and boats.

2. Aircraft and UAVs: The lightweight nature of hemp-derived CNS can significantly reduce the weight of aircraft and UAVs, making them more fuel-efficient and improving their performance. Additionally, the thermal and electrical conductivity of hemp-derived CNS can make them suitable for use in developing heat dissipation systems and electronic components.

3. Body Armor: Hemp-derived CNS can be used in the development of body armor that is lightweight and comfortable to wear while still providing the necessary protection. The exceptional mechanical properties of hemp-derived CNS can make body armor more effective at absorbing and dispersing energy from impacts, reducing the risk of injury to the wearer.

4. Flexible and Wearable Sensors: Hemp-derived CNS can be utilized to develop flexible and wearable sensors that can provide real-time monitoring of soldiers' health and environmental conditions, improving situational awareness and enabling faster responses to emergencies.

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