



Name of the Technology: Metal alloy based Nano-powders for EM absorbing paints

Summary: We have a ternary metal alloy in nanogranular powder form which can be used with neutral paint base for painting military hardware. These alloys are EM absorbing. So the paint will also behave similarly, depending on the thickness of coating.

Applications: painting military hardware (blackish Grey in color).

Advantages: EM radiation / radar absorbing & camouflaging paint.

Choose the Readiness level of the Technology:

Idea	Concept Definition	Proof of Concept	Prototype	Lab Validation	Technology Development	Technology Demonstration	Technology Integrated	Market Launch

Related Patents: NIL, **Year of Introduction:** 2016

Broad Area/Category: Strategic Materials

User Industries: Military hardware, Paint Industries, etc.

For further details please contact:

Head, Industrial Liaison Group (ILG)
Room No. 46-A, Main Building
CSIR-National Physical Laboratory
Dr. K.S. Krishnan Marg
New Delhi 110012, INDIA.

Email: headilg@nplindia.org

Tel: +91-11-4560-8350/8247/9385

Fax: +91-11-4560-9310