DSM Dyneema Press Release

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INDIAN ARMY VEHICLES PROTECTED AGAINST MINES BY DYNEEMA®

Ordnance Factory India Selects Dyneema® UD composites for Lightweight, Multi-Hit and Low Noise properties

URMOND (NL), 4 December 2008 - In the first large public tender of its type in South Asia, Ordnance Factory, India, has chosen and specified Dyneema® HB26 unidirectional (UD) composite from DSM Dyneema for armoring mine protected vehicles for the Indian Army. Ultra-strong, lightweight Dyneema HB26 was selected due to its robust ballistic performance combined with additional advantages, such as high stiffness, excellent acoustic and flame-retardant properties, to ensure superior quality and protection. The DSM material is being used by Anjani Technoplast Limited, a leading manufacturer based in Delhi, India, to supply protective, rigid panels to Ordnance Factory, India.

Dyneema HB26 will help to protect Indian Army troops from ballistics and fragments. The material's light weight will enhance vehicle speed, maneuverability and enable higher payloads, while minimizing the negative effect armor can have on a vehicle's center of gravity. In addition, Dyneema HB26 provides high performance over a wide temperature range, UV protection, and noise reduction through acoustic absorption.

Dyneema HB26 also offers design and efficiency advantages to fabricators, including the ability to be formed into complex shapes and to be easily cut and drilled using standard equipment.

"We have received much-valued support from DSM Dyneema in our endeavor to meet the evolving needs of Indian end-users'', said R.K. Gupta, CMD of Anjani Technoplast Limited. *''Consistent quality and accurate profile cutting of panels supplied for MPVs using Dyneema HB26 is ensured by high quality cnc presses and a water-jet cutting machine, innovated and developed by Anjani''*.

Dyneema HB26 is based on Dyneema, the world's strongest fiber. Panels made from Dyneema are made of several layers, with the direction of fibers in each layer placed perpendicular to the direction of the fibers in the adjacent layers. Dyneema HB26 offers varying degrees of protection in combination with steel or ceramic for higher protection levels including against armor-piercing ammunition and, shaped charges. Armoring solutions using Dyneema HB26 are particularly useful against emerging threats such as improvised explosive devices (IEDs) including explosively formed penetrators (EFPs).

"Thanks to its outstanding ballistic performance and light weight, Dyneema HB26 is widely used in armoring military vehicles including infantry fighting vehicles such as armoured personnel carriers and battle tanks. This major initiative to support the Indian Army attests to the global demand for our material in thwarting today's military threats. The selection of Dyneema HB26 will enable Ordnance Factory, India to ensure the highest level of protection and performance for the army's mine-protected vehicles," said Govind Khetan, Country Manager for DSM Dyneema.

About DSM Dyneema

DSM Dyneema is the inventor and manufacturer of Dyneema®, the world's strongest fiber™. Dyneema® is an ultra strong polyethylene fiber that offers maximum strength combined with minimum weight. It is up to 15 times stronger than quality steel and up to 40% stronger than aramid fibers, both on weight for weight basis. Dyneema® floats on water and is extremely durable and resistant to moisture, UV light and chemicals. The applications are therefore more or less unlimited. Dyneema® is an important component in ropes, cables and nets in the fishing, shipping and offshore industries. Dyneema® is also used in safety gloves for the metalworking industry and in fine yarns for applications in sporting goods and the medical sector. In addition, Dyneema® is also used in bullet resistant armor and clothing for police and military personnel. Dyneema® is produced in Heerlen (The Netherlands) and in Greenville, North Carolina (U.S.A.). DSM Dyneema is also a partner in a high modulus polyethylene (HMPE) manufacturing joint venture in Japan. Further information on DSM Dyneema is available at www.dyneema.com and www.dyneemamatters.com.

DSM – the Life Sciences and Materials Sciences Company

Royal DSM N.V. creates innovative products and services in *Life Sciences and Materials Sciences* that contribute to the quality of life. DSM's products and services are used globally in a wide range of markets and applications, supporting a healthier, more sustainable and more enjoyable way of life. End markets include human and animal nutrition and health, personal care, pharmaceuticals, automotive, coatings and paint, electrics and electronics, life protection and housing. DSM has annual sales of almost EUR 8.8 billion and employs some 23,000 people worldwide. The company is headquartered in the Netherlands, with locations on five continents. DSM is listed on Euronext Amsterdam. More information on DSM can be found at www.dsm.com.

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Note for the editor, not for publication

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