

Press Release

CONTROL CROSS TRANSMISSION

99.31%

SURFACE VIRUS REDUCTION
IN LESS THAN 1 MINUTE

1st in the world

- Plant based Technology
- 99% reduction in 1 minute
- Non Toxic

USA MADE TECHNOLOGY
PATENT PENDING
KEEP U SAFE

Headline – HI Tech Group invents plant based Virus Reducing Keep-U-Safe Plastic Masterbatch, Films, Coatings and Additives which can reduce >99% of viruses within 1 Minute and 1st in the world.

Sub Headline - HI Tech Group and its partner company JSM Global Inc, California USA pioneers in specialized masterbatches and films launch range of masterbatches, films, coatings and additives that can potentially reduce the risk of Virus Cross Transmission under the brand name Keep U Safe.

Products

“Keep U Safe masterbatches, films, coatings and additives will be a game changer; it will imbibe higher confidence in the users of the products while performing their daily duties. People today are exposed to viruses and can get cross-contaminated from virus infected surfaces. It can be used to make numerous end products like PPE Fabrics, mailer bags, gloves, facemasks, shirts etc and our range of protective coatings can be applied on walls, furniture, laminates and wood to enable reduce virus.

The KeepUSafe technology products can be used by corporates, government employees, public dealing personnel like airport staff, policeman and most importantly health workers who can come across infected individuals and surfaces.

“We are excited on the multitude of possibilities with our Keep-U-Safe technology. We are holding meetings with Material Engineers & Product Managers in various organisations globally who want just everything with our technology. We are the first company in the world to have invented a natural **#plantbased** coating with an outstanding performance of virus reduction rate of >99% in 1 minute. When used on non woven fabrics it has been tested for up to 60 washes and maintain the effectiveness” says Sid Sareen the Technical Director

who is also an Honours Degree Holder in Chemical & Polymer Engineering and has worked as a scientist with various organisations like Reserve Bank of Australia & Montell Polyolefins, Council for Scientific and Industrial Research and holds patents in various innovative technologies.

The plastic masterbatch can be extruded in as little as 5% dosage in existing extrusion process to make films, shopping bags, mailer bags, thermoformed products or injection/blown moulding without any changes in the existing equipment. Coatings is another extended line of product which can be applied by roller or spray to form a permanent layer on the surface of walls, furniture or fabrics.

Testing

The products have undergone extensive testing for virus and bacteria reduction, reusability and effectiveness after multiple washes. It has also been tested for US FDA 21 CFR 177.1520 for Safety in Food Contact Packaging.

All the testing have been performed at BTS Labs for Anti Viral and Microbial activity and Toxicity as per ISO 21702, ISO 22196, ISO 10993-5 and ISO 10993-12 & AATCC 100-2012. The company claims above products to be made as protective products only and not medical devices and does not guarantee against infections and is not a cure.

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