Ultraguard

TOTAL SOURCE MANUFACTURING

HISTORICAL MATERIAL SAFETY RECORD

Advantage Pro fabric

The original issuer pages follow. This cover identifies the products that link to this record in the Total Source library. Refer to the issuer pages for the original date, material or product scope, and applicability.

PRODUCT LIBRARY REFERENCES

Product	Linked ordering codes
Advantage Pro Coveralls (Elastic Wrist + Ankle)	APP0180-2X-W-ADP, APP0180-3X-W-ADP, APP0180-4X-W-ADP, APP0180-5X-W-ADP, APP0180-L-W-ADP, APP0180-M-W-ADP, APP0180-S-W-ADP, APP0180-XL-W-ADP
Advantage Pro Coveralls (Elastic Wrist + Ankle, with Attached Hood and Boots)	APP0190-2X-W-ADP, APP0190-3X-W-ADP, APP0190-4X-W-ADP, APP0190-5X-W-ADP, APP0190-L-W-ADP, APP0190-M-W-ADP, APP0190-S-W-ADP, APP0190-XL-W-ADP
Advantage Pro Frock	APP0250-2X-W-ADP, APP0250-3X-W-ADP, APP0250-4X-W-ADP, APP0250-5X-W-ADP, APP0250-L-W-ADP, APP0250-M-W-ADP, APP0250-S-W-ADP, APP0250-XL-W-ADP
Advantage Pro Hood (Elastic Face)	APP0110-ADP

A division of ...

MATERIAL SAFETY DATA SHEET

ADVANTAGE PRO

IDENTIFICATION

Advantage Pro is perfect for multiple situations where dry particulate barrier and repellency are needed. Lightweight and breathable, yet strong and durable. Advantage Pro is anti-static treated material.

PHYSICAL & CHECMICAL PROPERTIES

Physical Condition

Form: Fabric:Spunbonded-meltblown-spunbonded polypropylene fabric.
Color: Natural White or Blue

Glass Transition Temperature:

Melting Point : 170℃-220℃

Density:0.90-0.91g/cm^3

Solubility : Insoluble in water and common organic solvent

When meltblowing is combined with spunbonds to form SMS products, a lighter, more durable and efficient fabrics have resulted, and multiple-layered fabrics are now routinely produced.

EFFECTS & FIRST AID MEASURES

Eye contact will produce a mechanical irritation. Skin contact should produce no skin irritation, swelling, or sensitization.

Storage:Store non-woven fabric in a warehouse equipped with a sprinkler system.

FIRE FIGHTING

Flash Point: This material burns if exposed to flame.
Hazardous products of combustion: Carbon dioxide
Suitable : Water, Dry extinguishing agents, ABC power, CO_2-Foam

STORAGE AND HANDLING

Handling

Clean Machinery, working areas and working clothes regularity.
Keep away from flammable substances and ignition sources.
Be aware of consequence of electrostatic charge

Storage

This product is suitable under normal condition.
Do not store near flame, heat, or strong oxidants, such as hot or concentrated nitric acid or fuming sulfuric acid.

STABILITY AND REACTIVITY

Stability

Chemical stability: It has good resistance to weak acids even at boiling temperature to strong acids in the cold, to weak alkalis, to bleaches, to the most alcohols, Ketene, detergents, and dry cleaning agents.

Flammability : This products burns
Stability & Reactivity : Stable under normal condition

A division of ...

TOXICOLOGICAL INFORMATION

The fabric is non-toxic.
No damage to health is known to have occurred to date as a result of using this fabric product in accordance with the appropriate regulation.

INFORMATION ON DISPOSAL

Waste can be disposed of dumping in accordance with local government regulation or by burning in suitable incineration.

Voice: 760-598-5599 Fax: 760-598-2145 1445 Engineer Street. Vista CA 92083
www.tsmfg.com