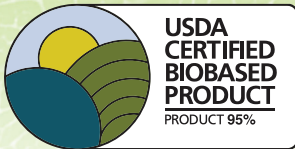




V-Gard® GREEN Protective Helmet

The world's first hard hats made from renewable resources

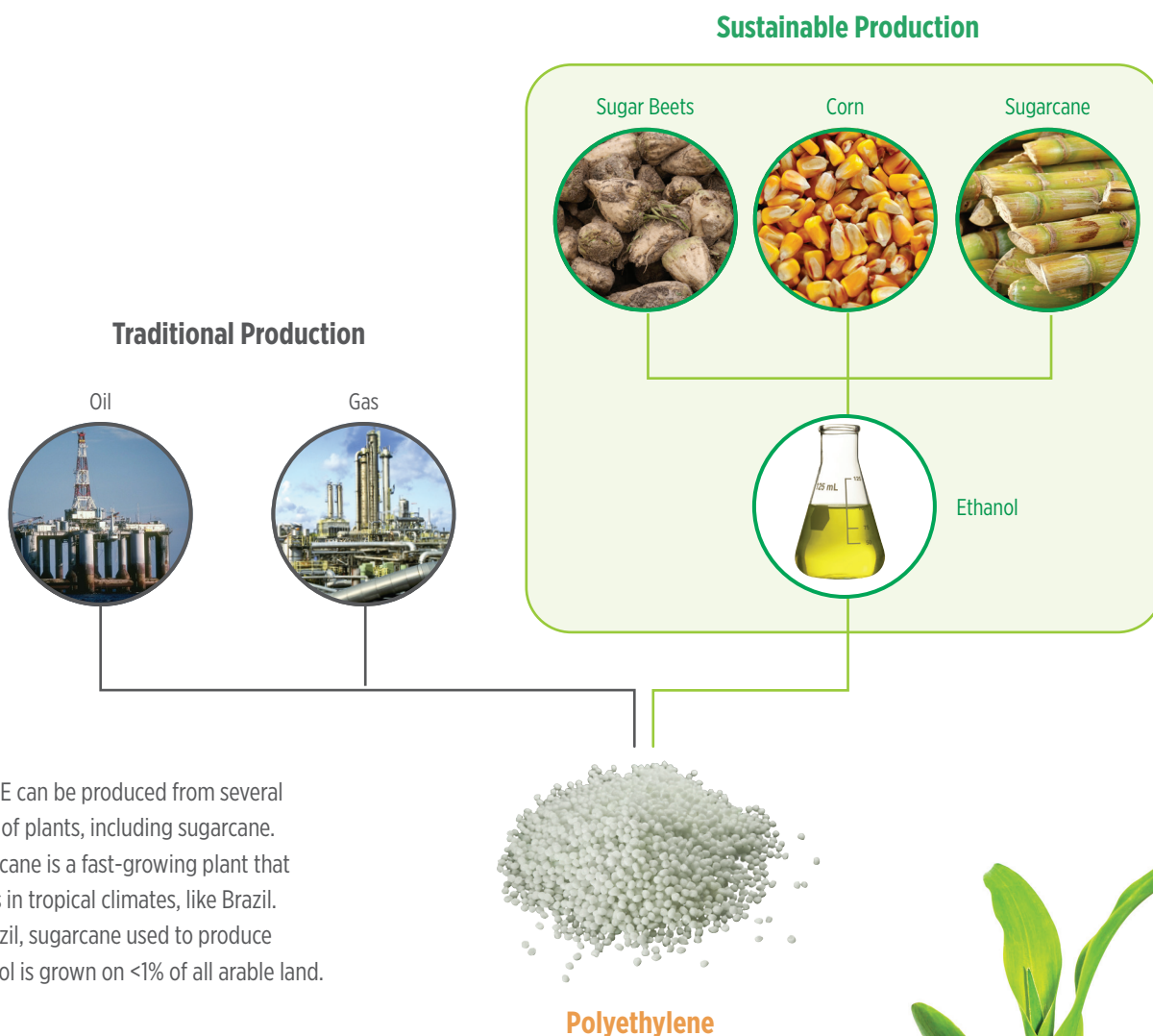


WE KNOW WHAT'S AT STAKE.

A safety helmet that protects more than your head

MSA has always been a pioneer in safety, starting nearly 100 years ago with our first Personal Protective Equipment (PPE) products designed to better protect underground miners. That tradition continues into the next century with the introduction of the *V-Gard GREEN*—the world's first sustainable protective helmet.

V-Gard GREEN helmets are produced from green high-density polyethylene (GHDPE), a biopolymer made from sugarcane-based ethanol. GHDPE is a renewable resource because sugarcane growth exceeds the rate of harvest. By contrast, fossil fuels (i.e., petrochemicals), and the polymers derived from them, will eventually deplete.



GHDPE can be produced from several types of plants, including sugarcane. Sugarcane is a fast-growing plant that grows in tropical climates, like Brazil. In Brazil, sugarcane used to produce ethanol is grown on <1% of all arable land.

100% recyclable

V-Gard GREEN, like traditional V-Gard helmets, are designed to stay out of landfills—both types of helmets can be recycled.

Regardless of the material source, V-Gard helmets are made of High Density Polyethylene (HDPE), and therefore, carry a “Number 2 Plastics” symbol. HDPE carries low risk of leaching and is readily recyclable into many other goods, including detergent bottles, pens, recycling containers, and drainage pipes, to name a few.

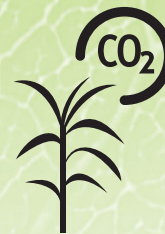
The V-Gard GREEN offers the added benefits of cutting carbon emissions and reducing atmospheric CO₂ because it is made of plant-derived GHDPPE.



ETHANOL

100% Renewable Raw Material

Helmet shell made from polyethylene derived from renewable sugarcane.



Combat Global Warming

Sugarcane captures and sequesters CO₂ from the atmosphere, helping reduce greenhouse gas emissions and prevent global warming.



HDPE

100% Recyclable Product¹



Quality Assured

The V-Gard GREEN helmet meets the same MSA standards as the V-Gard model produced with polyethylene from fossil fuel.

¹ V-Gard Helmet shells are not made of recycled materials.

How do V-Gard GREEN Helmets differ from traditional V-Gard Helmets?

Both helmets, regardless of material, offer the same trusted look and quality customers have come to expect from their V-Gard. V-Gard and V-Gard GREEN helmets are third-party SEI certified as Type I, Class E under ANSI/ISEA Z89.1-2014 and CSA Z94.1-2005. The only difference is the V-Gard GREEN helmet is made with renewable GHDPPE, while the traditional V-Gard helmet is made through standard HDPE production methods.

V-Gard GREEN helmet shells are Certified USDA Biobased. Biobased product: A product determined by USDA to be a commercial or industrial product (other than food or feed) that is: (1) composed, in whole or in significant part, of biological products, including renewable domestic agricultural materials and forestry materials; or (2) an intermediate ingredient or feedstock.

The test results for V-Gard GREEN helmet shells indicated a biobased content of 95%.

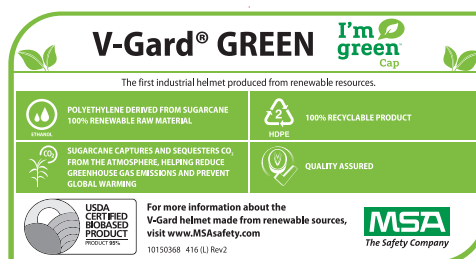
Identifying a V-Gard GREEN helmet

There are three ways to identify an MSA V-Gard GREEN helmet:

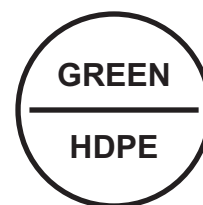
**External side
identification label**



**Internal
identification label**



GHDPPE Under-Brim Identifier



Ordering a V-Gard GREEN Helmet

MSA V-Gard GREEN cap and full brim style helmets are offered with a FasTrac® III ratchet suspension, in five popular colors.

				
White	Yellow	Blue	Green	Red
10160923	10160924	10160925	10160926	10160927

				
White	Yellow	Blue	Green	Red
10150199	10150200	10150221	10150222	10150223



V-Gard GREEN Helmets, just like traditional V-Gard Helmets, can be logoed and striped by MSA Logo Express® Service.

They are also compliant with MSA accessories, such as the V-Gard face protection products, and V-Gard cap-mounted muffs.

Please see the back panel of this brochure for MSA Customer Service contact information.



MSA—The Safety Company

Established in 1914, MSA Safety Incorporated is the global leader in the development, manufacture, and supply of safety products that protect people and facility infrastructures. Many MSA products integrate a combination of electronics, mechanical systems, and advanced materials to protect users against hazardous or life-threatening situations. The company's comprehensive product line is used by workers around the world in a broad range of markets, including the oil, gas, and petrochemical industry, the fire service, the construction industry, mining, and the military. MSA's core products include self-contained breathing apparatus, fixed gas and flame detection systems, portable gas detection instruments, industrial head protection products, firefighter helmets and protective apparel, and fall protection devices. With 2023 revenues of \$1.8 billion, MSA Safety is headquartered in Cranberry Township, Pennsylvania and employs a team of over 5,000 associates across its more than 40 international locations. For more information visit MSA's web site at www.MSAsafety.com.

Our Mission

MSA's mission is to see to it that men and women may work in safety and that they, their families, and their communities may live in health throughout the world.

MSA: WE KNOW WHAT'S AT STAKE.

Note: This Bulletin contains only a general description of the products shown. While product uses and performance capabilities are generally described, the products shall not, under any circumstances, be used by untrained or unqualified individuals. The products shall not be used until the product instructions/user manual, which contains detailed information concerning the proper use and care of the products, including any warnings or cautions, have been thoroughly read and understood. Specifications are subject to change without prior notice. MSA is a registered trademark of MSA Technology, LLC in the US, Europe, and other Countries. For all other trademarks visit <https://us.msasafety.com/Trademarks>.

MSA operates in over 40 countries worldwide. To find an MSA office near you, please visit [MSAsafety.com/offices](https://us.msasafety.com/offices).