

# V-Gard® GREEN Protective Helmet

The world's first hard hats made from renewable resources

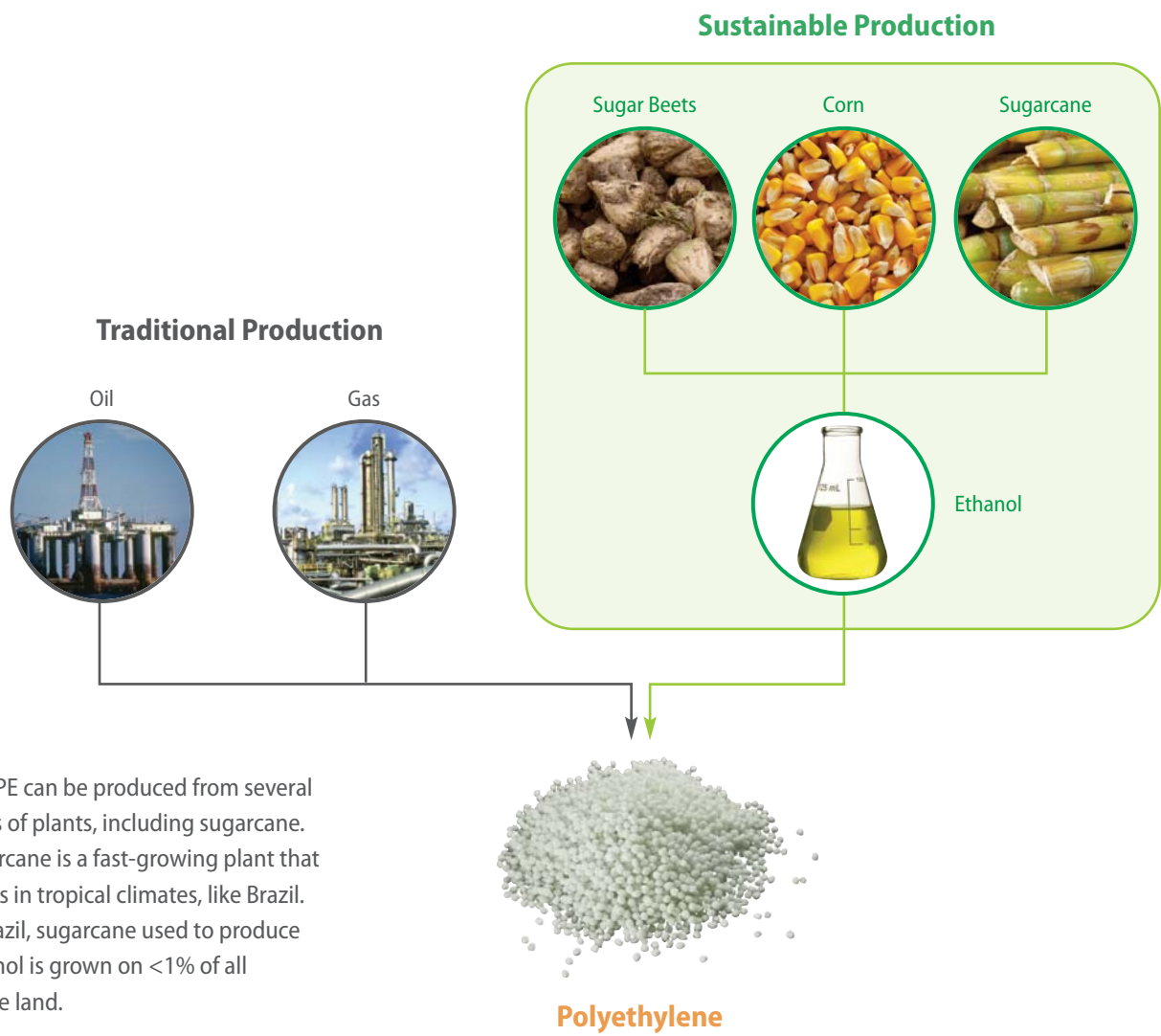


*Because every life has a **purpose...***

## 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.



# 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.

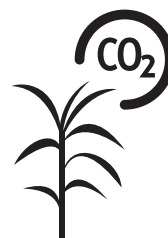
The V-Gard GREEN offers the added benefits of cutting carbon emissions and reducing atmospheric CO<sub>2</sub> because it is made of plant-derived GHDPE.



## ETHANOL

### 100% Renewable Raw Material

Helmet shell made from polyethylene derived from renewable sugarcane.



### Combat Global Warming

Sugarcane captures and sequesters CO<sub>2</sub> from the atmosphere, helping reduce greenhouse gas emissions and prevent global warming.



## HDPE

### 100% Recyclable Product<sup>1</sup>



### Quality Assured

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

<sup>1</sup> 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 GHDPE, 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%.

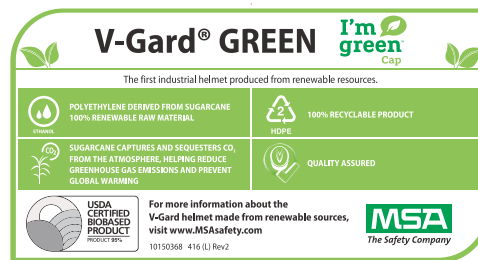
## Identifying a V-Gard GREEN helmet

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

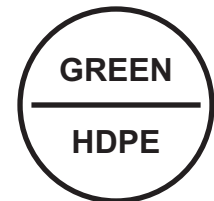
### External side identification label



### Internal identification label



### GHDPE 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.

				
<b>White</b>	<b>Yellow</b>	<b>Blue</b>	<b>Green</b>	<b>Red</b>
10160923	10160924	10160925	10160926	10160927

				
<b>White</b>	<b>Yellow</b>	<b>Blue</b>	<b>Green</b>	<b>Red</b>
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 left/RIGHT cap-mounted muffs.**

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



## Questions about MSA V-Gard GREEN helmet?

If you are interested in the MSA V-Gard GREEN helmet, or any of MSA's innovative safety products, please contact MSA Customer Service at 1-800-MSA-2222 or visit our website: [MSAsafety.com](http://MSAsafety.com) keyword: **GREEN**.



Note: This Bulletin contains only a general description of the products shown. While uses and performance capabilities are described, under no circumstances shall the products be used by untrained or unqualified individuals and not until the product instructions including any warnings or cautions provided have been thoroughly read and understood. Only they contain the complete and detailed information concerning proper use and care of these products.



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