

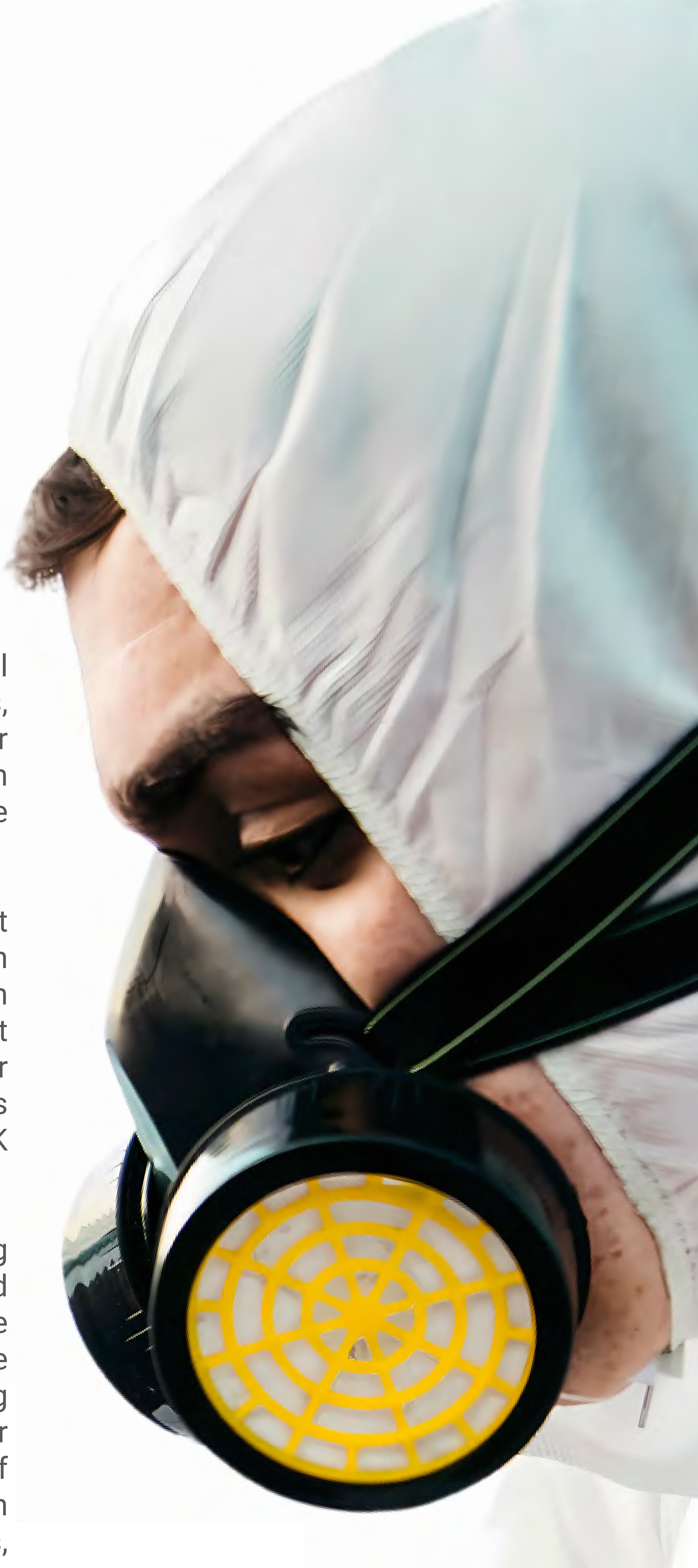
RESPIRATOR CARBON

“Reliable respirator carbon solutions to protect against toxic gases”

The Respirator Carbon series is designed to safeguard people from harmful fumes and gases. We offer a wide range of activated carbon products, including both standard and impregnated carbon, for use in various respirator filter solutions. These products are tailored for multiple applications, from industrial respirators and military-grade respirators to consumer-grade protection such as breathable air filters.

Haycarb’s activated carbon for respirators is well-known for its consistent particle size distribution and improved pore structure, optimizing adsorption efficiency. Whether respirator carbon filters safeguard workers from hazardous air pollutants or military applications requiring protection against chemical air filtration and biological threats, our products are trusted for their dependability. We also offer chromium-free, coconut-shell-based products specifically designed for military use and compliant with CBRN and ABEK standards.

We offer customized solutions to meet the most stringent standards, including those required by NIOSH and EN. With ongoing investments in research and development, Haycarb continues to innovate and create high-performance activated carbon solutions for the personal protection industry, ensuring the safety and well-being of individuals in even the most demanding environments. Our advanced carbon filter technology ensures superior protection against a wide range of harmful gases, enhancing the efficiency of respirator filter carbon in diverse applications. From chemical air filtration in industrial settings to respirator protection solutions in high-risk environments, Haycarb delivers exceptional value and performance for global markets.



STANDARD PRODUCT RANGE

NIOSH Filter Class	EN 14387 Filter Type	Test Gas	Haycarb Product Grade
Organic Vapors	A	C ₆ H ₁₂	RPPA
Inorganic Gases	B	H ₂ S, Cl ₂ , HCN	RPPB
Acid Gases	E	SO ₂	RPPE
Ammonia & Amines	K	NH ₃ and Amines	RPPK
Multi-Gas	ABEK Type 1 & 2	C ₆ H ₁₂ , H ₂ S, Cl ₂ , HCN, SO ₂ , NH ₃	RPPU
Multi-Gas	ABE Type 1 & 2	C ₆ H ₁₂ , H ₂ S, Cl ₂ , HCN, SO ₂	RPPW

We provide products for military applications and the removal of organic vapors in high-moisture environments.



Effective removal of a broad spectrum of contaminants;

- Volatile organic compounds (VOCs)
- Hydrogen Sulfide
- Chlorine
- Hydrogen Cyanide
- Sulfur Dioxide
- Other harmful acids
- Alkaline gases such as Ammonia and Amines.

By utilizing both physisorption and chemisorption processes, Haycarb's carbon enhances the ability to trap and neutralize these toxic agents, ensuring cleaner, breathable air.

TYPICAL APPLICATIONS



Industrial respirators



Military suits, masks, & bunker air filters



Compressed air filters



Air filters for SCBA systems



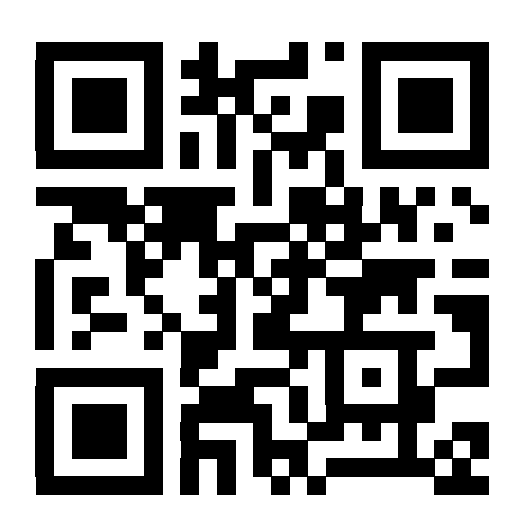
Air filters for SCUBA gear



NBC (Nuclear, Biological, Chemical) ventilation systems

PACKAGING: Standard packaging is primarily designed to prevent the deterioration of accurately graded granules and to prevent the adsorption of moisture or atmospheric contaminants. Other packaging criteria can be accommodated upon request.

DRUM PACK
Net. 100 kg



'ACTIVATE' Haycarb's
ESG Roadmap 2030

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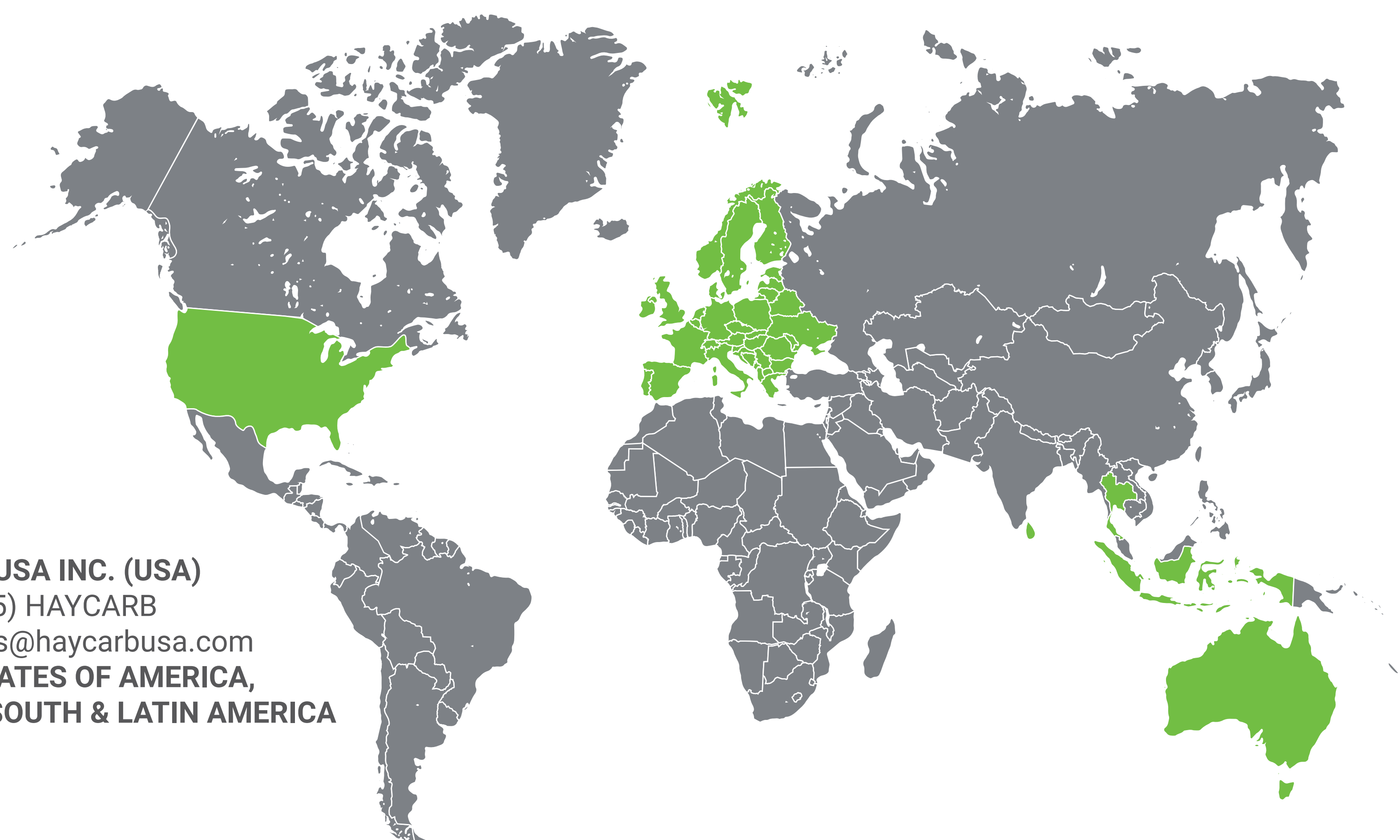


Warranty Disclaimer: Haycarb retains the right to modify product specifications without prior notice, as we consistently enhance the design and performance of our products. The information presented here aims to aid customers in evaluating and selecting products from the Haycarb group. Customers are responsible for assessing whether the products and information in this document align with their requirements; no guarantees or warranties, expressed or implied, are offered. Haycarb disclaims responsibility, and users must assume full responsibility for system performance based on this data.

KEY BENEFITS

- Superior adsorption capacity
- Effective protection against a wide range of harmful industrial gases, as well as Chemical, Biological, Radiological, and Nuclear (CBRN) agents
- Available in various particle sizes to meet specific pressure drop requirements
- Chromium-free formulations
- High hardness for minimal dust generation

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