



Natural Synergy of Allied Industries and MSME in the Rubber Sector

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24th February 2024

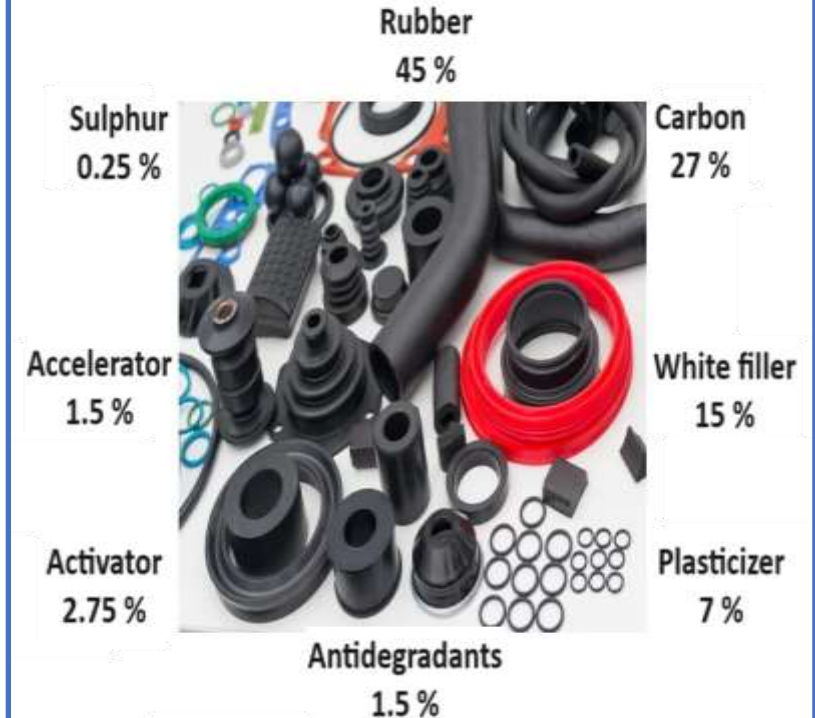
Rubber chemicals- Where are we in Rubber?



Typical Tread composition



Typical Surgical Gloves Composition



Typical NBR based Moulded Component Composition

Adding Value to Rubber

- These are ingredients in rubber compounds which deter the ageing and inhibit degradation due to oxygen attack of rubber products, thereby enhancing service life
- Protects the rubber product throughout the life cycle, increases life of the rubber product

**ANTI-DEGRADANTS/
ANTI-OXIDANTS**

ACCELERATORS

**OTHER
APPLICATIONS**

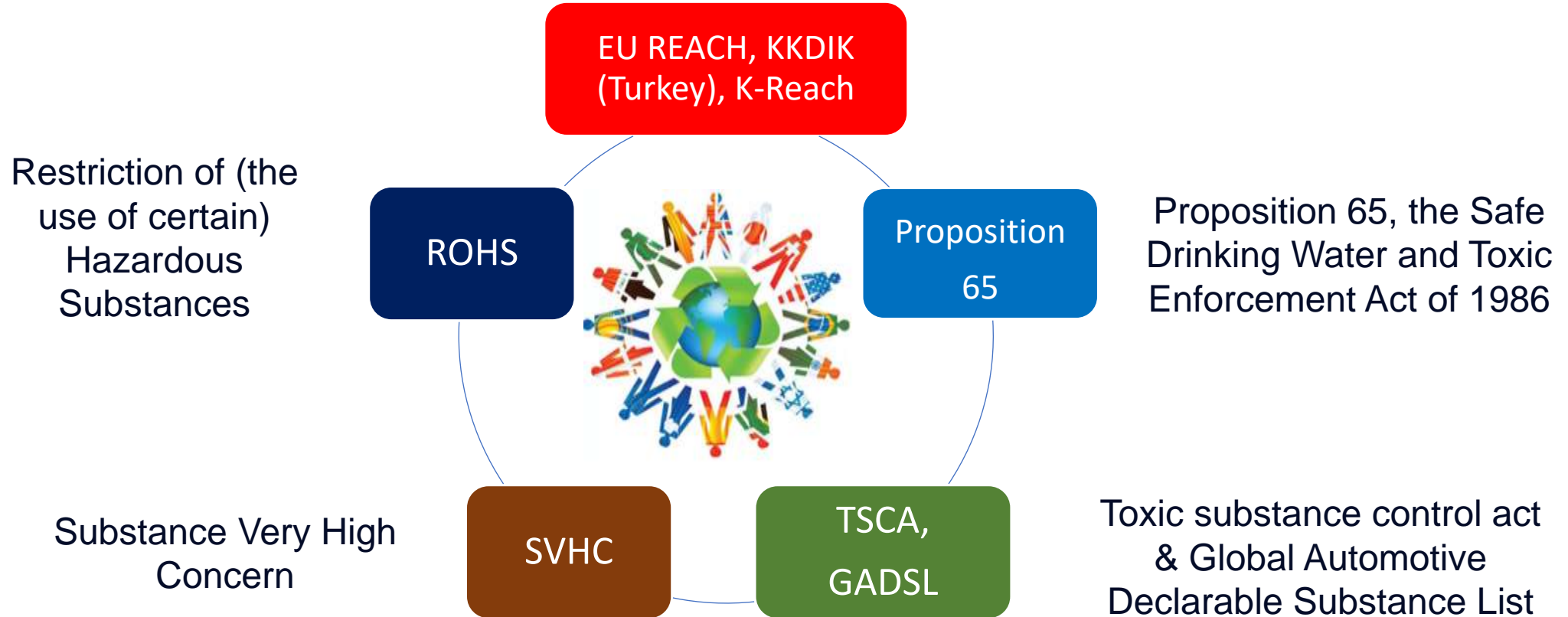
- Increase the speed of vulcanization
- Permit vulcanization to proceed at lower temperature & with greater efficiency
- Improves the elasticity of rubber

- Pre vulcanization inhibition, Post vulcanization stabilization, Latex based applications etc.
- Improving Thermal Stability of cross links in rubber products

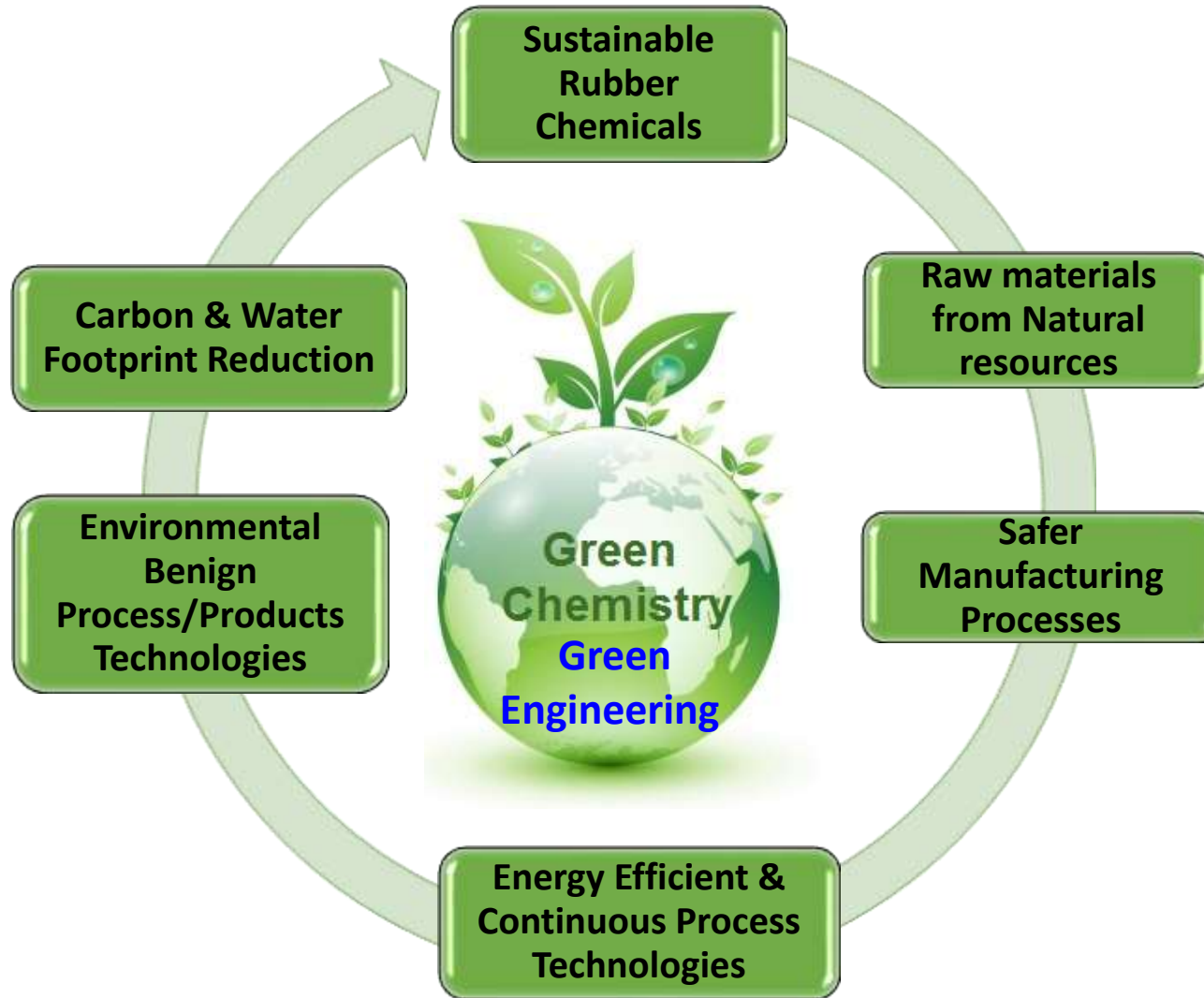


Regulatory Requirements

REACH Compliance



Future product Requirements





- NOCIL has a rich legacy of over 50 years in the chemical industry
- The largest rubber chemicals player in India
- Over 40 years of rubber chemical expertise
- Two state-of-the-art manufacturing sites in Navi Mumbai and Dahej
- Strong expertise in Organic chemicals and derivatives
- In-house R&D and partnership with leading scientific and academic institutions
- Public Listed company (www.nocil.com) since 1961



Awarded Responsible
Care Logo by Indian
Chemical Council



Accorded by
EcoVadis
Sustainability Rating

*Thank
you*

