Healthier Spaces, Built on Safer Formulation

HEALTH GUARD SAFER INDOOR AIR QUALITY | Not classified as CMR | FORMULATED WITHOUT TOLUENE & FORMALDEHYDE | LISTED PRODUCT SIRIM

Health Guard products are formulated without toluene and formaldehyde and are not classified as CMR, with their safer formulation verified by SIRIM—helping create healthier indoor environments, greater occupant comfort and lasting project value.

Potential Risks Behind These Chemicals

Toluene
Toluene is a clear, strong-smelling solvent used to dissolve ingredients, but high exposure may cause headaches, dizziness, irritation and nervous system effects.

Formaldehyde
Formaldehyde is a colourless, strong-smelling gas that may be released from resins, wood products, adhesives, coatings and construction materials, causing irritation, allergies and breathing discomfort, while long-term exposure may increase cancer risk.

Why Non-CMR Classification Matters

- **C — Carcinogenic**: May cause or increase the risk of cancer.
- **M — Mutagenic**: May alter DNA and cause genetic damage.
- **R — Reprotoxic**: May affect fertility, pregnancy or fetal development.

The Difference of Healthier Environment Space



Healthier Value for Every Stakeholder

Home Owners (B2C)
- Supports cleaner indoor air
- More comfortable living spaces
- Safer choice for renovation areas
- Long-lasting protection for daily living

Contractors & Architects (B2B)
- Lower indoor air concerns during application
- Reliable product performance
- Greater project confidence
- Better assurance for clients

Developers (GLCs)
- Strengthens ESG and sustainability positioning
- Supports healthier standards
- Long-term project value
- Builds trust with buyers and stakeholders

Passion for Excellence

Driven by manufacturing strength, in-house R&D and total coating expertise.

V-tech is one of Southeast Asia's leading Sealant, Adhesive and Filler specialists, delivering reliable solutions across construction, hardware, industrial, automotive and consumer DIY sectors.

Founded in 2002, V-tech has grown into a trusted industry player with a presence in 70 countries, supported by over 300 employees and key manufacturing and R&D facilities in Malaysia.

With expertise across manufacturing, packaging and distribution, **V-tech continues to develop, test and improve high-quality SAF solutions** that support both **professional and everyday applications.**

Corporate Standard

- **ISO 9001:2015 QMS** — Quality Management System
- **ISO 14001:2015 EMS** — Environment Management System
- Sedex Member — **Sedex Member (SMETA)** — Ethical Trade Audit

Adhesives & Sealants Innovation Centre





- 400+ Green Formulations Developed
- New Product Development
- Formulation Optimization
- Custom Colour Matching


Local Manufacturer with Global Reputation


Job-site Technical Support


Project Specification Consultant


V-tech Academy (Support & Training)

NIPPON PAINT TOTAL COATING & CONSTRUCTION SOLUTIONS

V-tech is part of the Total Coating & Construction Solutions ecosystem, delivering a total compatible system from bare to finish.



Automotive Aftermarket | Industrial | Construction (Door/Windows/Facade/Sanitary/Plumbing/Flooring) | Hardware | Household DIY

Build Better with V-tech
Talk to us today for product solutions, technical support and project specification guidance



23 Years of Global Quality Assurance

www.vitaltechnical.com | @vtechmalaysia

LISTED PRODUCT SIRIM

Learn More

V-tech®

Protection Beyond Innovation

Malaysia's 1st SIRIM Verified Health-Driven Adhesives & Sealants

HEALTH GUARD SAFER INDOOR AIR QUALITY



A member of NIPPON PAINT

LISTED PRODUCT SIRIM

Closing The Gap Between Functionality, Green, And Healthier Solution

For over 23 years, V-tech has built its expertise around functional performance and green formulation helping projects meet the demands of quality, durability and sustainability. Today, the conversation has evolved. Beyond how materials perform, people are paying closer attention to how indoor spaces affect comfort, wellbeing and indoor air quality. That is why V-tech introduces Health Guard, a health-driven formulation direction **created to support safer indoor environments while maintaining reliable product performance.**

V-tech's Formulation Evolution

1 FUNCTIONAL PERFORMANCE

- **Product performance**
- **Building longevity** (weathering, air-tightness)
- **Design flexibility** (seamless finishes, no staining & streaking issues)

ASTM C920 — Product Standard Specification
SIRIM — Product Certification Licence Scheme
BS EN 1366-4:2006 — Fire Resistance Tests
ISO 11600 — Product Standard Specification
Cleanroom Suitable Material (CSM) — ISO-ACO+ Class-6 370 (VT-526 White)

2 GREEN COMPLIANCE

- No ozone-depleting substances
- No halogenated substances
- No vPvB & PBT
- Lower carbon footprints
- Low VOC content

GECA certified 2016 · LEED 2021 · HEALTH GUARD 2026 · GREENGUARD GOLD 2016 · CarbonLabel 2011 · VOC 2010

3 HEALTH-DRIVEN STANDARDS

- Toluene & Formaldehyde-Free
- LEED – VOC emission
- Solventless options
- No Heavy-metal

2026 HEALTH GUARD SAFER INDOOR AIR QUALITY

FDA — FDA 21 CFR Part 175.300 Food-contact safe
SVHC — Substances of Very High Concern under the European Union's REACH regulation
RoHS I & RoHS II — The Restriction of Hazardous Substances Directive 2002/95/EC



Healthier Indoor Protection Starts Here

Transform homes, offices and buildings into healthier spaces. With Health Guard, occupants live better while contractors add higher value to every project.

LEED · VOC · Not classified as CMR · FORMULATED WITHOUT TOLUENE & FORMALDEHYDE · LISTED PRODUCT SIRIM

Scan For Sirim-Verified Product & Number

HEALTH GUARD SAFER INDOOR AIR QUALITY

MS Polymer Sealant
Door & Window Perimeter, Wall Joint

Silicone Sealant
Sanitary Areas & Wet Areas

Acrylic Gap Sealant
Indoor Gap Sealing

Flooring Adhesive
Tile, Wood & Vinyl Flooring Adhesive

Construction Adhesive
Heavy Duty Construction Bonding



Contact Adhesive
Laminate, Veneer & Decorative Panels

Putty Filler
Wall, Ceiling & Wood Surface

Solvent Cement
Low VOC. For plumbing and sanitary.

Duct Sealant
Industrial Duct Sealing

Fire Rated Sealant
Fire-resistant sealing for gaps and joints.

One Safer Formulation. Many Applications.


School


Hospital


Office/ Data Centre


Hotel


Religious & Community Hall


Shopping Mall


Gym


Restaurant/ Café