

	VITAL TECHNICAL SDN. BHD.	 
	Safety Data Sheet	
	VT-700 / VT-701 Silicone Tape	

Issued date: 19/03/15

Revision date: 13/03/20

Revision No.: 4

1. Identification of the substance/preparation and of the company/undertaking

Product name : VT-700 / VT-701 Silicone Tape

Product use : Silicone-based tape

Company : Vital Technical Sdn. Bhd.
No. 93, Jalan Industri 3/3,
Rawang Integrated Industrial Park,
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Malaysia.

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2. Hazard(s) identification

Substance/Mixture : Mixture

Hazard classification : Not classified as hazardous

Pictogram : Not classified as hazardous

Signal word : Not classified as hazardous

Hazard statement(s) : Not classified as hazardous

Precautionary statement(s) : Not classified as hazardous

Other hazards which do not result in classification but contribute to overall hazards: None known

3. Composition/Information on ingredients

There are no ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

4. First-aid measures

In case of inhalation:

Not applicable under normal conditions.

In case of skin contact:

Wipe off excess material with cloth and water. Wash with plenty of water and soap. In the event of a visible skin change or other complaints, seek medical advice.

In case of eye contact:




Contact lenses should be removed. Rinse with copious amount of water immediately. Seek medical advice if eye irritation develops and persists.

In case of ingestion:

DO NOT induce vomiting. Give several portions of water to drink. Never give anything by mouth to an unconscious person.

Personal protection equipment for first-aiders:

None required.

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Most important symptoms and effects, acute and delayed:

None known.

5. Fire-fighting measures

Suitable extinguishing media:

Water spray, alcohol-resistant foam, carbon dioxide, dry chemical.

Unsuitable extinguishing media:

Water jet.

Specific firefighting procedures:

Remove undamaged containers from fire area if it is safe to do so. Use extinguishing media that is suitable to local circumstances and surrounding environment.

Special person protection equipment for firefighters:

NIOSH-approved self-contained breathing apparatus and full protective clothing must be worn in case of fire.

Specific hazards arising from firefighting:

None known.

Thermal decomposition products:

At temperatures above 150 °C small amounts of formaldehyde will form.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedure:

No special measures required.

Measure for cleaning/collecting:

Wipe or soak with inert liquid binding material (sand, sawdust, etc.). Scrape away cured material. Dispose the spilt material according to local or national regulations. Section 13 of this safety data sheet provides information regarding certain local or national requirements.

Additional information:

Prevent spillage from entering drainage/sewer systems. Spillages or uncontrolled discharges into watercourses must be IMMEDIATELY alerted to the Environmental Agency or other appropriate regulatory body.

7. Handling and storage

Handling:

No special protective measures required.




Storage:

Ensure containers and cartridges are tightly closed. Store in a dry, well-ventilated area, and protected from direct sunlight with temperature not exceeding 30 °C. Keep away from incompatibles. Refer to section 10 for incompatible materials.

8. Exposure controls/personal protection

Engineering controls:

None required.

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Industrial hygiene:

Observe standard industrial hygiene practices for the handling of chemical substances. Do not eat, drink, or smoke while using product.

Hand protection:

Recommended to use protective gloves made of butyl rubber and gloves suitable for use up to 60 minutes' use.

Respiratory protection:

None required.

Eye/Face protection:

Protective goggles/safety glasses.

9. Physical and chemical properties

Appearance	: Tape
Odour	: Mild odour
Odour threshold	: Not determined
pH	: Not applicable
Freezing/Melting point	: Not applicable
Boiling point range	: Not applicable
Flash point	: >200 °C
Evaporation rate	: Not applicable
Flammability	: Not classified as flammable
Explosive properties	: Not classified as explosive
Oxidising properties	: Not classified as oxidising
Vapour pressure	: Not applicable
Vapour density	: Not applicable
Relative density	: Approx. 1.1
Solubility in water	: Insoluble in water
N-octanol/water partition coefficient	: Not determined
Decomposition temperature	: Not determined
Viscosity	: Not applicable

10. Stability and reactivity

Reactivity:

No reactive hazards known.

Stability:

Stable under recommended handling and storage conditions.

Conditions to avoid:

None known.




Hazardous reactions:

During normal storage, hazardous decomposition will not occur.

Hazardous decomposition products:

None known. At temperatures above 150 °C small amounts of formaldehyde will form.

Incompatible materials:

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None known.

11. Toxicology information

No specific oral, inhalation or dermal toxicology data is known for this product. Any toxicological data included in this section is based on the data associated with the components.

Acute oral toxicity, LD₅₀ (rat):

Not classified based on available information and/or concentration of components.

Acute dermal toxicity, LD₅₀ (rabbit):

Not classified based on available information and/or concentration of components.

Acute inhalation toxicity, LC₅₀ (6 hours, rat):

Not classified based on available information and/or concentration of components.

Serious eye damage/eye irritation:

Not classified based on available information and/or concentration of components.

Skin corrosion/skin irritation:

Not classified based on available information and/or concentration of components.

Respiratory/Skin sensitisation:

Not classified based on available information and/or concentration of components.

Germ cell mutagenicity:

Not classified based on available information and/or concentration of components.

Carcinogenicity:

Not classified based on available information and/or concentration of components.

Reproductive toxicity:

Not classified based on available information and/or concentration of components.

Specific target organ toxicity – single exposure:

Not classified based on available information and/or concentration of components.

Specific target organ toxicity – repeated exposure:

Not classified based on available information and/or concentration of components.

Aspiration toxicity:

Not classified based on available information and/or concentration of components.




Likely route of administration:

Skin contact and ingestion.

12. Ecological information

Individual components of this mixture have been independently tested by the raw material suppliers and any known results have been presented below. The results for the individual components may not be representative of the ecological toxicity of this finished product. This finished product has not been tested to determine individual toxicological/ecological limits.

Ecology toxicity:

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No adverse effect on aquatic organisms is predicted based on available information and/or concentration of components.

Persistence and degradability:

No data available.

Bioaccumulative potential:

No data available.

Mobility in soil:

No data available.

13. Disposal information

Waste treatment/disposal methods - unused products

Waste disposal must be in compliance with environmental protection requirements and local regulations.

Waste treatment/disposal methods - contaminated packaging

Dispose of as unused product. Empty container should be taken to an approved waste handling site for recycling or disposal.

14. Transport information

Road transport (UNRTDG) : Not regulated as dangerous goods.

UN number : Not applicable

Proper shipping name : Not applicable

Technical name : Not applicable

Hazard class : Not applicable

Classification code : Not applicable

Packing group : Not applicable

Marine transport (IMDG) : Not regulated as dangerous goods.

UN number : Not applicable

Proper shipping name : Not applicable

Technical name : Not applicable

Hazard class : Not applicable

EmS : Not applicable

Packing group : Not applicable

Marine pollutant : Not applicable

Air transport (IATA) : Not regulated as dangerous goods.

UN number : Not applicable

Proper shipping name : Not applicable

Technical name : Not applicable




Hazard class : Not applicable

Packing group : Not applicable

15. Regulatory information

Safety, health, and environmental regulations specific for the hazardous chemical in question:

Occupational Safety and Health (Use and Standards of Exposure of Chemicals Hazardous to Health) Regulations 2010 (Malaysia)

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Occupational Safety and Health (Classification, Labelling, and Safety Data Sheet of Hazardous Chemicals) Regulations 2013 (Malaysia)

Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures (European Union)

Occupational Safety and Health Administration (OSHA) (2006) Air Contaminants. 29 CFR 1910.1000 (United States of America)

Work Health and Safety Act 2011 (Australia)

EH40/2005 Workplace exposure limits (United Kingdom)

Chemical inventory status:

- Canada DSL/NDSL : All ingredients listed or exempt.
- China IECSC : All ingredients listed or exempt.
- Japan ENCS : All ingredients listed or exempt.
- Korea KECI : All ingredients listed or exempt.
- Philippines PICCS : All ingredients listed or exempt.
- United States TCSA : All ingredients listed or exempt.

16. Other information

Definitions:

- TWA** : Time-weighted average.
- STEL** : Short-term exposure level.
- OSHA** : Occupational Safe and Health Act
- WEL** : Workplace exposure limits
- LD₅₀** : The minimum dose required for lethal effects in 50% of a given population of test specimens.
- ppm** : part per million
- bw** : body weight
- NIOSH** : National Institute for Occupational Safety and Health.
- UNRTDG** : United Nations Recommendations on the Transport of Dangerous Goods
- IMDG** : International Maritime Dangerous Goods
- IATA** : International Air Transport Association
- AICS** : Australian Inventory of Chemical Substances
- DSL** : Domestic Substance List
- NDSL** : Non-domestic Substances List
- IECSC** : Inventory of Existing Chemical Substances in China.
- ENCS** : Existing and New Chemical Substances.
- KECI** : Korea Existing Chemicals Inventory.
- PICCS** : Philippines Inventory of Chemicals and Chemical Substances.
- TSCA** : Toxic Substances Control Act.

All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee these are the only hazards that exist. The details contained herein are based on our present state of knowledge and experience in characterising our product with regard to any possible safety requirement at the date of its publication. We do, however, pass them on without any warranty or property assurances.