

TPS PAINT MODIFIER ECO SERIES

COST SAVING ADMIXTURE TO GREATLY IMPROVE PAINT BONDING



**Excellent Bonding
Improves Paint Performance**



**Anti Bacterial Surface
Fungal Resistant**



5kg - TPS G04D



20kg - TPS G04C

TECHNICAL DATA

PACKING : 5Kg 20Kg 1000Kg

POT LIFE : 30 Minutes

Binder: Low TG Modified Styrene Acrylic PU Copolymer

APPLICATION



1
Add 3-4KG TPS Paint Modifier into 18L Emulsion Paint.



2
Mix with electrical mixer to achieve consistent result.



3
Apply paint with spray or roller.





TECHNICAL DATA SHEET

TPS PAINT MODIFIER

PRODUCT DESCRIPTION

TPS PAINT MODIFIER is a paint admixture to improve paint bonding.

USES

For internal and external sealer and emulsion paint.

ADVANTAGES

- ✓ Mixes and applies easily
- ✓ Easily applied by roller or brush
- ✓ Excellent adhesion
- ✓ Increased frost and salt resistance
- ✓ Decreases carbon dioxide penetration

PRODUCT DATA

Appearance / Colours	: White liquid
Packaging	: 5kg, 20kg or 1000kg
Storage Conditions / Shelf Life	: 12 months from the date of production if stored properly in original, unopened, and undamaged sealed packaging, in cool, dry conditions. Keep away from direct sunlight.

TECHNICAL DATA

Chemical Base	: Low TG Modified Styrene Acrylic PU Copolymer
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SYSTEM INFORMATION

Application Details	: 3kg Paint Modifier + 18kg Emulsion Paint
Mixing ratio	

APPLICATION INSTRUCTIONS

Application Method / Tools	: Refer Method Statement.
Cleaning of Tools	: Clean all tools and application equipment with water immediately after use. Hardened and/or cured material can only be mechanically removed.
Pot Life (maximum)	: 30 minutes (at room temperature). Pot life is shorter at higher temperatures.

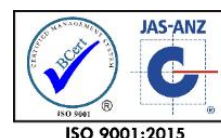
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SAFETY DATA SHEET

I. PRODUCT IDENTIFICATION

Commercial Brand Name : TPS
Commercial Product Name : TPS Paint Modifier

II. COMPOSITION / INFORMATION INGREDIENTS

Chemical Description : Low TG Modified Styrene Acrylic PU Copolymer

III. HAZARDS IDENTIFICATION

United States (US)

According to OSHA 29CFR 1910.1200 (HCS)

GHS Classification of the substance or mixture

Not classified

GHS Label Elements

Pictogram None

Signal Word None

Hazard Statements None

Precautionary Statements

Prevention

Use engineering controls and wet methods to minimize dust.

Response

If in eyes, rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if exposed or concerned.

Storage

Keep dry to preserve usefulness.

Disposal

Dispose of material in accordance with federal, state, and local regulations.

ISSUE DATE: 1.12.2022



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IV. FIRST AID MEASURES

- Eyes : Irrigate eye with copious amount of water for approximately 15 minutes and seek medical attention.
- Skin : Wash thoroughly with soap and water. If clothing is excessively contaminated, remove and launder before re-use.
- Ingestion : Rinse mouth and drink plenty of water and seek medical attention.
- Inhalation : Move to fresh air. If necessary give oxygen and seek for medical attention.

V. FIRE FIGHTING MEASURES

Extinguishing Media

Dry chemical, foam, water, or extinguishing media appropriate for surrounding fire.

Unusual Fire and Explosion Hazards

Material poses no fire-related hazard.

Special hazards arising from the mixture

None known

Special Protective Equipment and Precautions for Firefighters

A SCBA is recommended to limit exposures to combustion products when fighting any fire.

VI. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

No special precautions required. General recommendations: Wear appropriate Personal Protective Equipment. (See Section 8)

Environmental precautions

This product does not present an ecological hazard to the environment. Dispose of in accordance with applicable federal, state, and local regulations.

Methods and materials for containment and cleaning up

No specific clean-up procedures necessary. Pick up unused product to prevent tripping hazard

VII. HANDLING AND STORAGE

- Handling Precautions : Observe good standard of industrial hygiene. Wear suitable protective clothing. Avoid contact with skin, eyes and clothing. Do not eat or drink while

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- Storage Conditions : working.
: Keep containers closed. In order to maintain the performance of the product, store at room temperature and avoid frost.
- Storage Premises : Adequate ventilation in storage area.
- Packaging Suggestion : Plastic drums.

VIII. EXPOSURE CONTROLS / PERSONAL PROTECTION

- Precautions Measures : Local exhaust ventilation is recommended.
- Personal Protection : Overalls
- Respiration Protection : Not necessary for normal use.
- Hand Protection : Rubber Gloves
- Eye Protection : Safety Goggles/Glasses
- Skin Protection : No special precaution must be adopted for normal use. Gloves/Overalls are recommended.

IX. PHYSICAL AND CHEMICAL PROPERTIES

- Appearance : Liquid
- Color : Milky White Emulsion
- Odor : Mild
- Solid Content : 57-58 %
- Viscosity : 2000 ~ 4000 cps
- pH Value : 8.0 ~ 9.0
- tg. : < 0 °C
- Mfft. : c.a.15 °C

X. STABILITY AND REACTIVITY

- Condition to Avoid : Stable under normal conditions.
- Substance to Avoid : Oxides of carbon.
- Hazardous Decomposition Product : Stable under normal conditions.

XI. ECOLOGICAL INFORMATION

Use according to criteria of good industrial practice, avoiding product dispersion in the environment.



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XII. TOXICOLOGICAL INFORMATION

Acute Oral Toxicity : Not Available
Inhalation : Not an inhalation hazard under normal condition of use and at room temperature.
Skin Imitation Acute : Repeated and prolonged contacts may cause slight irritation.
Eye Imitation Acute : Repeated and prolonged contacts may cause irritation and redness.

XIII. DISPOSAL CONSIDERATIONS

If possible recover the products; otherwise dispose off in accordance with local authority regulations for chemical waste.

XIV. TRANSPORT INFORMATION

Road (ADR) Class : Free
Rail (RID) Class : Free
Air (IOTA) Class : Free
Sea (IMDG) Class : Free

XV. REGULATORY INFORMATION

Classification : 88/379/EEC (Classification and Labeling)
The product is not considered dangerous.
Refer to other regulation that may be relevant.
(i.e. sanitary control waste treatment etc.)

XVI. OTHER INFORMATION

SDS Prepared by: Vivo Raiser Sdn Bhd

Phone Number: +6044102148

Date of Preparation: 1 January 2017

Revision indicators and Date

Effective Date Change: 9 May 2018 Supersedes: 5 May 2018

Format Changes: Conforms to OSHA 29CFR 1910.1200 (HCS)

ISSUE DATE: 1.12.2022



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The Singapore Environment Council hereby grant

Vivo Raiser Sdn Bhd

No 9 & 10, Jalan PKNK 3/7, Kawasan Perusahaan Sungai Petani
Sungai Petani 08000, Kedah, Malaysia

the right to use the Singapore Green Label for

TPS WATERPROOF SERIES

022-145-3463

Environmentally Preferred Cement / Concrete Product

(In accordance to SEC Green Label Category 22: Cement and Concrete Products)

Validity: 5 June 2025 to 2 July 2026

Cheang Kok Chung
Executive Director



**Singapore
Environment
Council**



1 Kay Siang Road #07-01
Singapore 248922

Certificate of Registration



This is to certify that the Environmental Management System of

VIVO RAISER SDN. BHD.

9 & 10, Jln Pknk 3/7, Kawasan Perindustrian Sungai Petani, 08000 Sungai Petani, Kedah, Malaysia.

is in accordance with the requirements of the following standard

ISO 14001:2015
(Environmental Management System)

SCOPE

**Manufacture for Plaster Additive, Skim Coat, Tile-Adhesive and
Cementitious Waterproofing**

(IAF Code: 12)

Certificate Number : 180325026036

Initial Registration Date : 18-Mar-2025

1st Surveillance Date : 18-Feb-2026

Next Due Date : 17-Mar-2026

Certificate Expiry Date : 17-Mar-2028

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Certificate of Registration



This is to certify that the Occupational Health and Safety Management System of

VIVO RAISER SDN. BHD.

9 & 10, Jln Pknk 3/7, Kawasan Perindustrian Sungai Petani, 08000 Sungai Petani, Kedah, Malaysia.

is in accordance with the requirements of the following standard

ISO 45001:2018

(Occupational Health and Safety Management System)

SCOPE

Manufacture for Plaster Additive, Skim Coat, Tile-Adhesive and
Cementitious Waterproofing

(IAF Code: 12)

Certificate Number : 270225036005

Initial Registration Date : 27-Feb-2025

st Surveillance Date : 27-Jan-2026

Next Due Date : 26-Feb-2026

Certificate Expiry Date : 26-Feb-2028

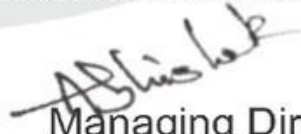
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Certificate of Registration



This is to certify that the Quality Management System of

VIVO RAISER SDN. BHD.

SHIJIRU SDN. BHD.

HQ: No. 9 & 10, Jalan PKNK 3/7, Kawasan Perusahaan Sungai Petani, 08000 Sungai Petani, Kedah Darul Aman, Malaysia.

Branch: No 27 & 29, Laluan Industri Lahat 1, Kawasan Perindustrian Lahat, 31450 Ipoh, Perak, Malaysia.

is in accordance with the requirements of the following standard

ISO 9001:2015

(Quality Management System)

SCOPE

Supply of Materials and Labour for Plastering, Skim Coating and Plasterboard Ceiling and Manufacture for Plaster Additive, Skim Coat, Render, Tile-Adhesive and Cementitious Waterproofing Chemical

(IAF Code: 29,35,12)

Certificate Number : 111125016018

Initial Registration Date : 11-Nov-2025

1st Surveillance Date : 10-Oct-2026

Next Due Date : 10-Nov-2026

Certificate Expiry Date : 10-Nov-2028

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Abhishek
Managing Director



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