



MATERIAL SAFETY DATA SHEET

Date: 02/02/2015

SECTION 1 – COMPANY & PRODUCT IDENTIFICATION

Supplier: Eurotech

Address: 72 John ST, Welshpool, WA, 6106

Phone: +61 (0)8 93506161

Email: info@eurotech.com.au

Product: Ritetack – Instant grab construction adhesive

Product Code: ET6-5000

Product Type: Sealant/Adhesive

Product Description:

Ritetack is a high quality instant grip polymer adhesive designed for the building and construction industry. The product is odourless and silicone, solvent, phthalate, PVC and isocyanates free. After application the Ritetack cures with atmospheric moisture.

SECTION 2 – HAZARD IDENTIFICATION

Hazard Description: N/A.

Information in relation to dangers for humans and the environment: This product doesn't have to be labelled due to the procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.

Classification process: This classification is according to the latest editions of the EU-lists, and extended by company and literature data.

SECTION 3 - COMPOSITION/ INFORMATION ON INGREDIENTS

Chemical characterization

Description: Mixtures of substances are listed below with non-hazardous additions.

| Dangerous Components: | CAS NO. | Approx WT% | Risk-phrase | Einecs |
|------------------------------|-----------|------------|-------------|-----------|
| Trimethoxyvinylsilane | 2768-02-7 | 1-5% | Xn; R10-20 | 220-449-8 |

Additional information: For the wording of the listed risk phrases refer to section 16.

SECTION 4 - FIRST AID MEASURES

After Swallowing: If symptoms persist consult a doctor.

After Inhalation: Move patient into fresh air. If breathing becomes difficult seek medical attention immediately.

After Eye Contact: Immediately flush with water, seek medical advice if necessary.

After Skin Contact: Wipe with paper towel and immediately clean with water and soap. Generally product does not irritate skin.

General information: No special measures required.

SECTION 5 - FIRE FIGHTING MEASURES

Suitable Extinguishing Media: Use fire extinguishing methods suitable to surrounding conditions.

Protective Equipment: Mouth respiratory protective device.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

Personal Safety Precautions: Ensure adequate ventilation

Environmental Protection: Do not allow product to enter sewers/ surface or ground water.

Measures for Cleaning Up: Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

Additional information: See section 8 for personal protection equipment.

SECTION 7 - HANDLING AND STORAGE

Handling Precautions: No special measures required.

Fire / Explosion Precautions: No special measures required.

Storage Precautions: No special measures required

SECTION 8 - EXPOSURE CONTROLS/ PERSONAL PROTECTION

Workplace Exposure: Not Applicable.

Personal Protection Hygienic Measures: Usual precautionary measures are to be adhered to when handling chemicals. Always wash hands before eating, drinking and when leaving the workplace.

Respiratory Protection: None required if used in well-ventilated area.

Hand Protection: Always wear protective gloves. The glove material has to be impermeable and resistant to the product/ the substance/ the preparation. Due to missing tests, no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture. Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation.

Penetration time of glove material: The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

Eye Protection: Always wear protective or safety glasses during refilling.

Additional information about design of technical facilities: No further data; see item 7.

Ingredients with limit values that require monitoring at the workplace: The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

Additional information: The lists valid during the making were used as basis.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

General Information:

Form: Pasty

Colour: Various

Odour: Characteristic

Change in Condition

Melting Point/ Range: Undetermined.

Boiling Point/ Range: Undetermined.

Flash Point: >100°C

Ignition Temperature: Undetermined.

Self-igniting: Product is not self-igniting.

Danger of explosion: Product does not present an explosion hazard.

Vapour Pressure: Undetermined.

Density at 20°C: 1.57 g/cm³

Solubility in / Miscibility with water: Not miscible or difficult to mix.

pH-value: Undetermined.

Solvent content VOC (EC): 0.4 g/l

SECTION 10 - CHEMICAL STABILITY AND REACTIVITY INFORMATION

Thermal decomposition/ conditions to be avoided: No decomposition if used according to specifications.

Dangerous reactions: No dangerous reactions known.

Dangerous decomposition products: No dangerous decomposition products known.

SECTION 11 - TOXICOLOGICAL INFORMATION

Acute Toxicity

Skin: No irritant effect.

Eye: No irritant effect.

Sensitization: No sensitising effects known.

Additional Information: The product is not subject to classification according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version. When used and handled according to specifications, the product does not have any harmful effects to our experience and the information provided to us.

SECTION 12 - ECOLOGICAL INFORMATION

General notes: Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water. Do not allow undiluted product or large quantities of it to reach ground water, water course or sewerage systems.

SECTION 13 - DISPOSAL CONSIDERATIONS

Product Recommendation: Disposal must be made according to official regulations.

European waste catalogue: 08 04 09 waste adhesives and sealants containing organic solvents or other dangerous substances.

Uncleaned packaging Recommendation: Disposal must be made according to official regulations.

SECTION 14 - TRANSPORTATION INFORMATION

Land Transport ADR/ RID: (cross-border) *ADR/RID class*: NA

Maritime Transport IMDG: *IMDG Class*: NA

Air Transport ICAO-TI & IATA-DGR: ICAO/IATA Class: NA

SECTION 15 - REGULATORY INFORMATION

Labelling according to EU guidelines: Observe the general safety regulations when handling chemicals. The product is not subject to identification regulations under EU Directives and the Ordinance on Hazardous Materials (German GefStoV).

Special labelling of certain preparations: Contains N-(3-(trimethoxysilyl)propyl)ethylenediamine, N-[3-(dimethoxymethylsilyl)propyl] ethylenediamine. May produce an allergic reaction.

Note: Safety data sheet available for professional user on request.

SECTION 16 - OTHER INFORMATION

Additional information: The information in this MSDS is based on our present knowledge to the date of this publication. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship. It is only a guide for safe handling, use, storage, transporting and disposal of the product.

Relevant R-phrases:

R10: Flammable

R20: Harmful by inhalation.

RITETACK TECHNICAL DATA SHEET

Date:

02/02/2015

SECTION 1. COMPANY & PRODUCT INFORMATION

Supplier: Eurotech

Address: 72 John St, Welshpool, Western Australia, 6106

Phone: +61 (08) 93506161

Email: info@eurotech.com.au

Product: RITETACK – Instant grab construction adhesive

Product Code: ET6-5000

Product type: Sealant/ Adhesive

Product Description: Ritetack is a high quality instant grip polymer adhesive designed for the building and construction industry. The product is odourless and silicone, solvent, phthalate, PVC and isocyanides free. After application the Ritetack cures with atmospheric moisture.

SECTION 2. TECHNICAL DATA

| | | |
|---|-----------------------------|--|
| Application Temperature: | +5C to +40oC | |
| Application Rate: | 10 g/min | |
| Colour | White | |
| Paintable | YES | |
| Curing after 24 hours: | 2 -3 mm 23°C/ 55% RF | |
| Joint Movement Capability | ±25% | |
| Flow: | <2mm | |
| Temperature Resistance | -40oC to + 100oC | |
| Solids: | 83% | |
| Density | 1.56 g/ml | |
| Frost Resistant During Transport: | Up to -15oC | |
| Skin Formation: | 10 - 15 minutes | |
| Tensile Strength | 2.2MPa (N/mm ²) | |
| Elongation at Break: | 350% | |
| Shore A Hardness (3 s): | 60 | |
| 100% Modulus: | 1.4MPa (N/mm ²) | |
| UV, Water (salt & fresh) and Weather Resistant: | YES | |

SECTION 3. APPLICATION

Applications: Great for internal and external applications for building and industry situations. Perfect for gluing signage panels, construction panels, skirting boards, windowsills, mirrors and isolating materials. Also used in construction industries such as car bodies, marine, steel fabrication, transport and structural bonding in vibrating constructions.

Ritetack is great for natural stone.

Materials Ritetack can be used with: Stone, finished timber, concrete, mirrors, natural stone, plaster, porcelain, PS, PU, PVC, Polystyrene, various plastics, ceramic tiles, enamel, copper, lead, zinc, aluminium, stainless steel, anodised aluminium, various metal, HPL, cement fibre boards, wood & glass. Always test prior to application

Application Information: It is advised that Ritetack is applied with a heavy duty applicator. Ritetack has to be applied in volumes relating to material surface and weight of object. Ritetack has to be applied through large nozzles. Normally it is applied in strips approx. 20mm apart then the 2 materials are pressed together firmly so that the thickness is no thinner than 3mm. Ritetack should not be applied in dots. If applied correctly no support is required during curing.

SECTION 4. CHARACTERISTICS

Colour: White

Odour: Odourless

Non Corrosive: Towards most metals.

Adhesion: Primer recommended on porous surfaces.

SECTION 5. LIMITATIONS

Not recommended for: Application on PE, PP, PC, PMMA, PTFE, Neoprene, Teflon, bituminous surfaces, Continual water immersion and for expansion joints.

Paintable: Not paintable with alkyd resin paint.

Porous surfaces: Must be pre-treated with primer

SECTION 6. PACKAGING

Cartridges: 290ml

Boxes: 12 Tubes

SECTION 7. SHELF LIFE

Directions: 12 months if kept in a cool, dry place and stored in temperatures between +5C to +25C.

SECTION 8. SURFACES

Type: Porous surfaces such as brick and concrete. State of surface: Must be clean and sound. If necessary use a primer. NOTE: Adhesion tests prior to application are recommended.

SECTION 9. HEALTH & SAFETY

MSDS Sheet must be read and understood before use. Available upon request and can be obtained on the Eurotech website.

SECTION 10. GUARANTEES

The information in this TDS is based on our present knowledge to the date of this publication. This is only a guide for safe use, storage & application and does not establish a legally valid contractual obligation. Eurotech guarantees the product complies with all specifications within its shelf life.