

+

THOMAS GROZIER & SON P.L.

2/8 PRINCE WILLIAM DRIVE N.S.W. 2147 AUSTRALIA ABN 71 087 973 466
PHONE. 61(0)2 96209843. FAX. 61(0)2 96746893

TECHNICAL DATA SHEET No. 206

PRODUCT TRI-SLIP 3004 DRY FILM LUBRICANT
CODE TRS 3004

Description

Grozier's Tri-Slip 3004 Dry FILM lubricant is a technological breakthrough in dry lubrication.

TRS 3004 incorporates the best characteristics of the three most efficient, low friction materials known, Graphite, Molybdenum disulphide, and PTFE (polytetrafluoroethylene) A combination of these materials in one product has resulted in a fast drying slip coating with excellent adhesion to steel with an extremely low coefficient of friction.

Because of the synergistic triple bonding between the Graphite, Moly and the PTFE the resultant dry film produces a characteristic slip coating that is highly resistant to mechanical wear with enhanced lubricating properties.

TRS 3004 has excellent water and weather resistance, and the self cleaning characteristics of PTFE means that dust and dirt will not adhere, to the coated surface.

USES

TRS 3004 Dry Film Lubricant has a wide range of industrial uses where high load lubrication, weather resistance and ability to operate in a wide range of temperatures are required.

Some of the many uses for this product where metal to metal contact is to be prevented are:

- Railway switch plates
- Mining industry
- Heavy engineering
- Metal smelting and refining
- Metal processing and deformation
- Agricultural and excavating equipment
- Any sliding surface where lubrication is required, but dust and abrasive materials in the workplace render traditional lubricants, such as oil and grease ineffective.
- Rust inhibitor.
- Wagon and locomotive auto-couplers, Brake rigging, pins and bushes
- Gasket release.

Benefits Of TRI-SLIP Dry Lubricant

- Minimises friction
- Provides superior protection against corrosion and Moisture ingress.
- Prevents metal to metal contact.
- Excellent high load performance.
- Self cleaning.
- Repels dirt and dust.
- Reduces power and energy inputs.
- Broad temperature operating range.
- Excellent adhesion to most surfaces
- Provides long term protection against scoring. Seizure, Wear,
- GREATLY REDUCED TOXICITY COMPARED TO SIMILAR PRODUCTS IN MARKET.

TECHNICAL DATA

<u>Pack.</u>	750 grm Aerosol	
<u>Coverage</u>	12m ² / L	
<u>Dry time</u>	Touch Dry	10 minutes @ 25 ⁰ C
	Through Dry	25 Min
	Full Cure	24 Hrs
<u>Flammability</u>	Flammable	
<u>Propellant</u>	Hydrocarbon	
<u>Colour</u>	Black	
<u>Wash up</u>	Mineral turpentine / White Spirit	

DIRECTIONS FOR USE.

*Shake well until agitator ball moves freely. Surface to be treated is to be clean and grease and oil free. Keep nozzle approximately 25-30 cms from the surface sprayed.

*Apply spray evenly to fully coat the surface. Do not apply heavy coat. Film is touch dry in 10 minutes. (usually much less). It is preferable to apply two thin coats, allowing to dry between coats than one thick application. Through dry is in 25 minutes and full strength in 24 hours.

*Clean valve by spraying in upright position until only gas is expelled. In the event of blockage, remove plastic spray head, wash in mineral turpentine or white spirit, blow clear and replace on can.

FIRST AID

*In case of eye contact, rinse with copious water for 15 minutes and contact Doctor.

*In case of skin contact, wash well with soap and water.

*For further information, please refer to M.S.D.S.

CAUTIONS.

*Use with adequate ventilation. Get to fresh air if required. If swallowed, do not induce vomiting. Call doctor immediately. Use only as directed. Intentional misuse by deliberately concentrating and inhaling the contents can be harmful. Keep out of reach of children. Do not puncture or incinerate can even when empty. Store in a cool place out of sun. Keep away from heat, flames or sources of heat. Refer to M.S.D.S.

Breathing tests carried out by NSCA indicate very low toxicity levels and have been approved by ADI, Qantas and Qld Rail.