

MATERIAL SAFETY DATA SHEET

Remark: The directives contained in this document are the results of our experiment and of our experience and have been submitted in good faith. Because of the diversity of the materials and substrates and the great number of possible applications which are out of our control, we cannot accept any responsibility for the results obtained. In every case it is recommended to carry out preliminary experiments.

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

Product Name: TR750 RED Thread Locker (JL271)
 Manufacturer: Kovon Industries Limited
 Address: Room 2105, JWH152, Trend Centre, 29-31 Cheung Lee St., Chaiwan, Hongkong
 Brand: Interstate Pneumatics
 Emergency Tel #: 86-571-83721170
 Issue Date: 2019-04-28
 Product Use: Thread Locker
 Specific Use: Sealing
 Intended Use: Thread Sealing

SECTION 2: INGREDIENTS

Ingredient	C.A.S. No.	% by Wt
Propanediol-1,2	57-55-6	1 - 5
Titanium dioxide	13463-67-7	1 - 5
Polyglycol dimethacrylate	25852-47-5	50 - 80
Cumene hydroperoxide	80-15-9	1 - 10
Bisphenol A fumarate resin	39382-25-7	10 - 40
Fumed Silica	112945-52-5	2 - 10

SECTION 3: HAZARDS IDENTIFICATION

3.1 Overall Hazard Classification: Not Hazardous.
 3.2 Hazard Information: CAUSES EYE IRRITATION.
 3.3 Route of Exposure: Skin, Inhalation, Eyes
 3.4 Possible Health Effects:
 Acute:
 Eyes: Contact with eyes will cause irritation. of category 2A.
 Skin: May cause allergic skin reaction.
 Inhalation: May cause respiratory tract irritation.
 Ingestion: Not expected to be harmful by ingestion.
 Chronic
 Skin: Irritating to skin of category 2.
 Inhalation: May irritate digestive tract information.
 Ingestion: Repeated ingestion or swallowing large amounts may injure internally.
 3.5 Signs and Symptoms of Overexposure: Eye, skin, and respiratory disorders.

Precautionary Statements:

Prevention:

Avoid breathing vapors, mist, or spray. Wash thoroughly after handling. Contaminated work clothing should not be allowed out of the work place. Wear eye and face protection. Wear protective gloves.

Response:

IF ON SKIN: Wash with plenty of soap and water.

IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses, if present and easy to remove. Continue rinsing.

IF SKIN IRRITATION OR RASH OCCURS: Get medical attention.

IF EYE IRRITATION PERSISTS: Get medical attention. Take off contaminated clothes.

Storage:

Not prescribed.

Disposal:

Dispose of contents and/or container according to Federal, State/Provincial and Local Government regulations.

Classification complies with OSHA Hazard Communication Standard (29 CFR 1910.1200) and is consistent with the Provisions of the United Nations Globally Harmonized System of Classification & Labeling of Chemicals (GHS).

SECTION 4: FIRST AID MEASURES

4.1 Eyes: Flush with copious amounts of water, preferably, lukewarm water for at least 15 minutes, holding eyelids open all the time. Get medical attention.

4.2 Skin: Wash with soap and water. Remove contaminated clothing and footwear. Wash clothing before reuse. If symptoms develop and persist, get medical attention.

4.3 Inhalation: Move to fresh air. If breathing is difficult, give oxygen. If breathing has stopped, give artificial respiration. Keep warm and quiet. Get medical attention.

4.4 Ingestion: Do not induce vomiting. Keep individual calm. Get medical attention.

4.5 Comments: Get medical attention immediately. Never give anything by mouth to an unconscious person.

4.6 Note to physicians: Treat symptomatically.

SECTION 5: FIRE FIGHTING MEASURES

5.1 Flammability: Flammable

5.2 Flash Point: > 93.3 °C (> 199.94 °F) Tagliabue closed cup

5.3 Autoignition temperature: Not determined

5.4 Hazardous Properties: Not Extremely flammable liquid and vapor.

5.5 Fire: Not Extremely flammable liquid and vapor.

5.6 Explosion: None

5.7 Special Fire Fighting Procedures and Equipment: None

5.8 Hazardous Combustion Products: Carbon oxides and traces of incompletely burned carbon compounds.

5.9 Unsuitable Extinguishing Media: None

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal Precautions: Use personal protection recommended in Section 8, isolate the hazard area and deny entry to unnecessary and unprotected personnel.

6.2 Environmental Precautions: Keep out of sewers and drains.

6.3 Methods for Cleaning up: Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Store in a partly filled, closed container until disposal.

In the event of a release of this material, the user should determine if the release qualifies as reportable according to local, state, and federal regulations.

SECTION 7: HANDLING AND STORAGE

7.1 HANDLING: Prevent contact with eyes, skin and clothing. Do not breathe vapor and mist. Wash thoroughly after handling.

7.2 STORAGE: For safe storage, store at or below 38 °C (100.4 °F). Keep in a cool, well ventilated area away from heat, sparks and open flame. Keep container tightly closed until ready for use.

7.3 Unsuitable Packaging Materials: None established

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Exposure Limits: General protection and hygiene measures: Avoid contact with eyes and skin. Do not inhale gases/vapors/aerosols. Do not eat, drink or smoke when handling.

8.2 Engineering Controls.

8.2.1 Local Ventilation: None should be needed.

8.2.2 General Ventilation: No specific ventilation requirements noted, but forced ventilation may still be required if concentrations exceed occupational exposure limits.

8.3 Personal Protective Equipment for Routine Handling

8.3.1 Respiratory protection: Use NIOSH approved respirator if there is potential to exceed exposure limit(s)

8.3.2 Suitable Respirator: Avoid breathing of vapors, mists or spray.

8.3.3 Eye protection: Safety goggles or safety glasses with side shields.

8.3.4 Hand protection: Wear chemical protective gloves.

8.3.5 Skin protection: Use impermeable gloves and protective clothing as necessary to prevent skin contact. Neoprene gloves. Butyl rubber gloves. Natural rubber gloves.

8.3.6 Hygiene Measures: Exercise good industrial hygiene practice. Wash after handling, especially before eating, drinking or smoking.

Note: These precautions are for room temperature handling. Use at elevated temperatures or aerosol spray applications may require added precautions.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Item	Data
Specific Physical Form	Red, Viscous Liquid
Odor, Color, Grade	Red, Mild, Viscous Liquid
General Physical Form Blue Rubber	Red Rubber
Autoignition temperature	Not Available
Flash Point	> 93.3°C (> 200°F) Tagliabue closed cup
Flammable Limits – LEL	2.6 % (propylene glycol)
Flammable Limits – UEL	12.5 % (propylene glycol)
Boiling point	> 149°C(> 300.2°F)
Vapor Density	Not Applicable
Vapor Pressure	Not Applicable
Specific Gravity	1.1[Ref Std WATER=1.0]
pH	Not Applicable
Melting Point	No Data Available
Solubility in Water (%)	Slight
Evaporation rate	Not Applicable
Volatile Organic Compounds	4.5 %; 49 g/l EPA Method 24
Percent volatile	Not Applicable
VOC Less H ₂ O & Exempt Solvents	4.5%; 49 g/l EPA Method 24
Viscosity	Not Applicable
Note: The above information is not intended for use in preparing specifications.	

SECTION 10: STABILITY AND REACTIVITY

10.1 Stability: Stable.

10.2 Materials to Avoid: Strong oxidizing agents. Free radical initiators. Strong reducing agents. Alkalis. Oxygen scavengers. Other polymerization initiators, Copper, Iron, Zinc, Aluminum, Rust.

10.3 Conditions to Avoid: See "Handling and Storage" (Section 7) and "Incompatibility" (Section 10).

10.4 Hazardous Polymerization: Hazardous polymerization will not occur.

10.5 Hazardous Decomposition or By-Products

Substance	Condition
Carbon monoxide	During Combustion.
Carbon dioxide	During Combustion.

SECTION 11: TOXICOLOGICAL INFORMATION

- 11.1 Possible Health Effects: Refer to Section 3.4
- 11.2 Sensitizing Effects: None known.
- 11.3 Mutagenic Effects: None known.
- 11.4 Reproductive Effects: None known.
- 11.5 Carcinogenic Effects: None known.
- 11.6 Other Health Hazard Information: No known applicable information.

The above listed potential effects of overexposure are based on actual data, the results of studies performed upon similar compositions, component data, and/or expert review of the products.

SECTION 12: ECOLOGICAL INFORMATION

- 12.1 Environmental Fate and Distribution: None known.
- 12.2 Environmental Effects: None known.
- 12.3 Bioaccumulation: None known.
- 12.4 Fate and Effects in Waste Water Treatment Plants: None known.

SECTION 13: DISPOSAL CONSIDERATIONS

- 13.1 Product Disposal: Follow all local, state, federal and provincial regulations for disposal.
- 13.2 Packaging Disposal: Follow all local, state, federal and provincial regulations for disposal.
- 13.3 Characteristic Waste:
 - 13.3.1 Ignitable: NO.
 - 13.3.2 Corrosive: NO.
 - 13.3.3 Reactive: NO.

Since regulations vary, consult applicable regulations or authorities before disposal.

SECTION 14: TRANSPORT INFORMATION

- 14.1 Road and Rail Transport: Not regulated
- 14.2 Sea Transport (IMDG): Not regulated
- 14.3 Air Transport (IATA): Not regulated
- 14.4 Special Requirements and Additional Information: None.

SECTION 15: REGULATORY INFORMATION

- 15.1 Warning Label: None known
- 15.2 Special identification instructions: Not applicable.
- 15.3 National Regulations: Not applicable.
- 15.4 International Regulations: Not applicable.

SECTION 16: OTHER INFORMATION

FOR INDUSTRIAL USE ONLY! KEEP OUT OF REACH OF CHILDREN!

Estimated NFPA Rating: HEALTH 2 FLAMMABILITY 1 REACTIVITY 1 SPECIFIC 0

Estimated HMIS

Classification: HEALTH 2 FLAMMABILITY 1 PHYSICALHAZARD 1
REACTIVITY 0

NFPA is a registered trademark of the National Fire Protection Assn.

HMIS is a registered trademark of the National Paint and Coatings Assn.

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Version No: IP-TL-MSDS-A01

Reason for Reissue:

The MSDS has been revised because Interstate Pneumatic has adopted the 16-section ANSI/ISO format. The potential hazards of the product have not changed. We encourage you to reread the MSDS and review the information

Revision Changes:

Section 9 Property description for optional properties was modified.

Section 16 National Fire Protection Association (NFPA) information of the production was added.

Section1 Document Group was added.