

# Material Safety Data Sheet



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## PRODUCT: FORMGARD TJ

ISSUE: 1      DATE OF      Page 1 of 7  
ISSUE:1/04/2008

### SECTION 1: IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name: FORMGARD TJ  
Manufacturer's Product Code: TJ  
Other Names: None  
Recommended Uses: Petroleum Based Concrete Form Release Agent

Reid Constructions Systems (Aust) Pty Limited ACN 004 297 009  
A Division of ITW Construction Products  
Maroondah Highway,  
Mooroolbark, Victoria, Australia, 3138  
Telephone: 1300 780 250  
Emergency Telephone Number: 1300 780 250 (Monday to Friday, 8 am to 5 pm EST)

### SECTION 2: HAZARDS IDENTIFICATION

- Classified as Hazardous according to criteria of NOHSC -

#### Risk Phrases:

R36                      Irritating to eyes  
R38                      Irritating to skin  
R65                      Harmful: May cause lung damage if swallowed

#### Safety Phrases:

S23                      Do not breathe gas/fumes/vapour/spray  
S24                      Avoid contact with skin  
S37                      Wear suitable gloves  
S45                      In case of accident or if you feel unwell, seek medical advice  
immediately (show the label whenever possible).



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ITW Ramset Australia Pty. Ltd. ABN 48 004 297 009 Trading as Reid Construction Systems

# Material Safety Data Sheet



**PRODUCT: FORMGARD TJ**

ISSUE: 1

DATE OF  
ISSUE:1/04/2008

Page 2 of 7

## Safety Phrases Continued:

- S53** Avoid exposure – obtain special instructions before use.
- S62** If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label.

### SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

Ingredient Chemical Identity	CAS Number	Proportion %
Distillates (petroleum), hydrotreated heavy naphthenic	64742-52-5	30-60
Solvent naphtha(petroleum), medium aliphatic	64742-88-7	30-60
N-Methyl-2-Pyrrolidone	872-50-4	< 10

### SECTION 4: FIRST AID MEASURES

#### ACUTE

**Ingestion:** If swallowed **DO NOT** induce vomiting. Seek medical attention immediately.

**Eye:** In case of contact hold eyelids apart and flush the eye continuously with running water for at least 15 minutes. Get medical attention immediately if irritation (redness, rash or blistering) persists.

**Skin:** Remove contaminated clothing and shoes. Wash affected areas thoroughly with soap and water. Wash clothing before reuse. Contact doctor if irritation persists.

**Inhalation:** May be irritating to the respiratory tract. If irritation, headache, nausea or drowsiness occurs remove to fresh air. Get medical attention if breathing becomes difficult or symptoms persist.

# Material Safety Data Sheet



**PRODUCT: FORMGARD TJ**

**ISSUE: 1**

**DATE OF  
ISSUE:1/04/2008**

**Page 3 of 7**

## SECTION 5: FIRE FIGHTING MEASURES

**Product is flammable**

**Suitable Extinguishing Media:**

Use CO2 (Carbon Dioxide), dry chemical or foam

**Hazardous products of combustion:**

Combustion may produce carbon monoxide, carbon dioxide and various hydrocarbon derivatives.

**Special protective precautions and equipment for fire-fighters:**

Fire-fighters should wear self-contained breathing apparatus and full protective gear. Water can be used to cool and protect exposed material. Avoid spreading burning liquid with water used for cooling purposes.

**Hazchem code:** No Data Available

## SECTION 6: ACCIDENTAL RELEASE MEASURES

**Emergency procedures:**

Cleanup personnel should wear suitable protective equipment. Eliminate any ignition source. Do not allow product to enter drains, sewers or water courses.

**Methods and materials for containment and clean up**

Dike or impound spilled material. Contain and/or absorb spill with inert material (e.g. sand, vermiculite). Collect into vaportight containers and dispose of properly.

## SECTION 7: HANDLING AND STORAGE

**Precautions for safe handling**

Keep container closed when not in use. Use only with adequate ventilation.

**Conditions for safe storage, including any incompatibilities**

Store product in a cool dry environment away from sources of ignition.

## SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

**National exposure standards**

N-Methyl-2-Pyrrolidone

Not Established

Distillates (petroleum),  
Hydrotreated light naphthenic

ACGIH TLV MIST 5 MG/M3 8 HOURS

# Material Safety Data Sheet



## PRODUCT: FORMGARD TJ

ISSUE: 1      DATE OF      Page 4 of 7  
ISSUE:1/04/2008

Solvent naphtha(petroleum),      OSHA TWA 10 ppm  
medium aliphatic

### Biological limit values

No Data Available

### Engineering controls

Use with adequate ventilation to keep product vapour concentrations below specified TLV.

### Personal protective equipment

**Eye/Face Protection:** Chemical goggles and or face shields are required to prevent potential eye contact, irritation or injury.

**Skin Protection:** wash exposed skin frequently with soap and water. Soiled clothing should be laundered before reuse.

**Respiratory Protection:** General room ventilation is normally adequate. Avoid breathing the product mist. The use of a NIOSH approved respirator is recommended whenever the airborne concentrations exceed the TLV.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

**Appearance:** Clear light straw coloured liquid

**Odour:** Characteristic hydrocarbon odour

**PH:** No Data Available

**Vapour Pressure:** No Data Available

**Boiling Point / Range:** 150-290 deg C

**Freezing / Melting Point:** No Data Available

**Solubility in Water:** Gels in contact with water

**Specific Gravity:** .815 (Water = 1.0)

**Flashpoint and Method:** > 41 C (PMCC)

**Flammability Limit:** No Data Available

**Explosive Limit:** No Data Available

**Ignition Temperature:** No Data Available

### Other Properties:

**Specific Heat Value:** No Data Available

**Particle Size:** No Data Available

**Volatile Organic Compound Content (VOC):** 620 grams per litre

**Evaporation Rate:** No Data Available

**Viscosity:** No Data Available

**Percent Volatile:** No Data Available

**Octanol / Water Partition Coefficient:** No Data Available

**Vapour Density:** No Data Available

# Material Safety Data Sheet



**PRODUCT: FORMGARD TJ**

ISSUE: 1

DATE OF  
ISSUE:1/04/2008

Page 5 of 7

## SECTION 10: STABILITY AND REACTIVITY

**Chemical stability:** Stable

**Conditions to avoid:** No Data Available

**Incompatible materials:** Strong acids or bases and selected amines. Strong oxidizing agents.

**Hazardous decomposition products:** Combustion may produce carbon monoxide, carbon dioxide and various hydrocarbon derivatives.

**Hazardous reactions:** No Data Available

## SECTION 11: TOXICOLOGICAL INFORMATION

**Health effects – Acute**

### Ingestion

Aspiration hazard if swallowed. Can enter lungs and cause damage.

### Eye

May cause eye irritation.

### Skin

May cause skin irritation.

### Inhalation

May be harmful if inhaled.

## SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity: No Data Available

Persistence and biodegradability: No Data Available

Mobility: No Data Available

Additional information: No Data Available

Environmental fate (exposure): No Data Available

Bioaccumulative potential: No Data Available

## SECTION 13: DISPOSAL CONSIDERATIONS

**Care must be taken to prevent environmental contamination from the use of this material. The user of this material has the responsibility to dispose of unused**

# Material Safety Data Sheet



## PRODUCT: FORMGARD TJ

ISSUE: 1      DATE OF      Page 6 of 7  
ISSUE:1/04/2008

material, residues and containers in compliance with all applicable local, state and federal laws and regulations regarding treatment, storage and disposal for hazardous and non-hazardous wastes.

Special precautions for landfill or incineration: No Data Available

### SECTION 14: TRANSPORT INFORMATION

UN Number: UN 1268  
UN Proper Shipping Name: Petroleum Distillates ,NOS.(mineral spirits)  
Class and subsidiary risk: 3  
Packaging Group: III  
Special Precautions for User: No Data Available  
Hazchem Code: No Data Available

### SECTION 15: REGULATORY INFORMATION

Poisons Schedule: No Data Available  
NICNAS Status: No Data Available

### SECTION 16: OTHER INFORMATION

#### Carcinogenicity

No component of this product present at levels greater than 0.1% is identified as a carcinogen by the U.S. National Toxicology Program, the U.S. Occupational Safety and Health Act, or the International Agency on Research on Cancer (IARC).

#### Reference Documentation

The information contained herein is based on data available to us and is believed to be correct. Since this information may have been obtained in part from independent laboratories or other sources not under our direct supervision, no representation is made that the information is accurate, reliable, complete or representative and Buyer may rely thereon only at Buyers risk. We have made no effort to censor or to conceal deleterious aspects of this product. Further since we cannot anticipate or control the many different conditions under which this information or our products may be used, we make no guarantee that the health and/or safety precautions we have suggested will be adequate for all individuals and /or situations involving its handling or use. Likewise, we make no guarantee or warranty of any kind that the use or disposal of this product is in compliance with all federal, state or local laws. It is the obligation of each user of the product mentioned herein to determine and comply with the requirements of all applicable statutes.

#### Disclaimer

# Material Safety Data Sheet



**PRODUCT: FORMGARD TJ**

**ISSUE: 1**

**DATE OF  
ISSUE:1/04/2008**

**Page 7 of 7**

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