

MATERIAL SAFETY DATA SHEET

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IDENTIFICATIONPRODUCT NAME:

Trade Name: FORMFILL - LAMINATE REPAIRER

Other Names: Inert fillers, bound by cellulose ester in solvents.

Manufacturer's Code: 25gm Tube 9300697700643

U.N. Classification: FILLERS; Class 3; UN 1263; PG III

Hazchem Code : 3[Y]E

Poisons Schedule: Not scheduled

Use: Surface filler for decorative laminates and sealing worktop mitre joint.Physical Description/Properties:

Appearance: Pigmented paste. Mixed solvent odour.

Boiling Point ( C): Approximately 80 C

Vapour Pressure (mm of Hg at 25 C): Approximately 90mm  
(12.0kPa)

Percent Volatiles: 60% w/w

Specific Gravity: 0.96

Flash Point ( C): Approximately 0 C

Flammability Limits (%): Not available

Autoignition Temperature ( C): Not available

Water Solubility: Insoluble

pH: Not Applicable

Viscosity: Approximately 20 Pa.s (200 poise)

Ingredients:

CHEMICAL ENTITY	CAS No.	PROPORTION
Toluene	108-88-3	HIGH
Acetone	67-64-1	MEDIUM
Methy ethyl ketone	78-93-3	LOW
Isopropanol	67-63-0	LOW
Amorphous silica	7631-86-9	LOW

V HIGH &gt;60%; HIGH 30-60%; MEDIUM 10-29; LOW 1-9%

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**HEALTH HAZARD INFORMATION**

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**HEALTH EFFECTS:**

Short term exposure by inhalation and ingestion is considered to be harmful.

**Skin:** Contact with skin can result in irritation. Will have a degreasing action on the skin. Repeated or prolonged skin contact may lead to dermatitic effects.

**Eyes:** An irritant due to solvents and to foreign body irritation by solids.

**Inhalation:** Vapour is irritant to mucous membranes and respiratory tract. Inhalation of vapour can result in headaches, dizziness and possible nausea. Inhalation of high concentrations can produce central nervous system depression, which can lead to loss of co-ordination, impaired judgment and, if exposure is prolonged, unconsciousness and possible death.

**Swallowed:** Ingestion can result in nausea, vomiting, and abdominal pain.

No effects have been reported following long-term exposure.

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**FIRST AID:**

**Skin:** Wash contaminated skin with plenty of soap and water. Soaking in warm water may assist in removal of dried material. If irritation occurs seek medical advice.

**Eyes:** Irrigate with copious quantities of water for 15 minutes. Seek medical assistance if effect persists.

**Inhalation:** Remove victim from exposure - avoid becoming a casualty. Remove contaminated clothing and loosen remaining clothing. Allow patient to assume most comfortable position and keep warm. Keep at rest until fully recovered. If breathing laboured and patient cyanotic (blue), ensure airways are clear and have qualified person give oxygen through a face mask. If breathing has stopped apply artificial respiration at once. In event of cardiac arrest, apply external cardiac massage. Seek medical advice.

**Ingestion:** Give water to drink. Do NOT induce vomiting. Poison Information Centres in each State capital city can provide additional assistance for scheduled poisons.

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## HEALTH HAZARD INFORMATION

## Advice to Doctor:

Treat symptomatically and as for exposure to mixed hydrocarbon and ketone solvents.

## Toxicity:

No LD50 data available for product. However, for major component:

## Toluene-

Oral LD50 (rat): 5000 mg/kg

Inhalation LC50 (mouse): 5320 ppm/8hr

## PRECAUTIONS FOR USE

## Exposure Limits:

No value assigned for this specific material by the National Occupational Health and Safety Commission.

However, Threshold Limit Values (TLV) for components as set by American Conference of Governmental and Industrial Hygienists:

Toluene	TLV-TWA,	100ppm (375 mg/m <sup>3</sup> )
	TLV-STEL,	150ppm (560 mg/m <sup>3</sup> )
Acetone	TLV-TWA,	750ppm (1780 mg/m <sup>3</sup> )
	TLV-STEL,	1000 ppm (2375 mg/m <sup>3</sup> )
Methyl ethyl ketone	TLV-TWA,	200ppm (590 mg/m <sup>3</sup> )
	TLV-STEL,	300ppm (885mg/m <sup>3</sup> )
Isopropyl alcohol	TLV-TWA,	400ppm (983 mg/m <sup>3</sup> )
	TLV-STEL,	500ppm (1229 mg/m <sup>3</sup> )
Amorphous silica	TLV-TWA,	10 mg/m <sup>3</sup> - Total dust.

TLV-TWA is the time weighted average concentration of the work atmosphere for a normal 8-hour work day and a 40-hour work week, to which nearly all workers may be repeatedly exposed day after day, without adverse effect.

TLV-STEL is the short term exposure limit. It is a 15-minute time weighted exposure limit. Exposure at the STEL should not be longer than 15 minutes and should not be repeated more than four times per day. There should be at least 60 minutes between successive exposures at the STEL.

These TLVs are issued as guidelines for good practice. All atmospheric contamination should be kept to as low a level as practically possible. These TLVs should not be used as fine lines between safe and dangerous concentrations.

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**PRECAUTIONS FOR USE**

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**Ventilation:**

Use with sufficient ventilation to maintain concentrations of vapours below recommended exposure limits. For short term exposure to concentrated vapour (e.g. in spill clean-up) wear organic vapour respirator or air supplied mask. If using a respirator, ensure the cartridges are correct for the potential air contamination and are in good working order.

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**Personal Protection:**

Wear overalls, safety glasses and impervious gloves. Use with adequate ventilation. If inhalation risk exists wear organic vapour respirator. If using a respirator, ensure that the cartridges are correct for the potential air contamination and are in good working order.

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**Flammability:**

Highly flammable. Avoid all ignition sources. Flameproof equipment is necessary in the area where this mixture is being used. Nearby equipment must be earthed.

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**SAFE HANDLING INFORMATION**

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**Storage and Transport:**

Dangerous Goods Classification: FILLERS; Class 3: UN 1263: PGIII.

Store in a cool place out of direct sunlight. Keep containers closed when not in use.

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**Spills and Disposal:**

Shut off all possible sources of ignition. Increase ventilation. Wear protective equipment to prevent skin and eye contamination and inhalation of vapours. Scrape up material while still soft. Use spark free shovel. Collect and seal in properly labelled drums for disposal. Dried material requires cutting or abrasion. Waste containing solvents must be disposed of as flammable liquids. Dried solids (odour free) are non hazardous and may be disposed of at normal landfill.

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**SAFE HANDLING INFORMATION**

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**Fire/Explosion Hazards:**

Highly flammable due to solvent content. No known risk of dangerous reactions. Combustion products are not usually hazardous. If safe to do so, remove containers from path of fire. Keep containers cool with water spray.

**EXTINGUISHING MEDIA:** Water fog, foam, carbon dioxide, dry chemical, BCF.

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**Other Information**

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Contact Point: *Vanka Australia*  
61-48-683311  
Issue No: *Vanka USA Inc*  
1-888-5360042  
Compiled:

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