

## 3 Primer (Clear)

### SECTION 1. IDENTIFICATION

**Product Identifier** 3 Primer (Clear)

**Other Means of Identification** 11462, 11483, 11504, 11525, 11546

**Recommended Use** Primer. For priming PVC and CPVC during solvent welding process.

**Restrictions on Use** None known.

**Manufacturer** Sluyter Company Ltd., 375 Steelcase Road East, Markham, ON, L3R 1G3, Canada, Technical Department, (905) 475-6011, [www.sluyter.com](http://www.sluyter.com)

**Emergency Phone No.** CANUTEC, 1-888-226-8832 , or \*666 on a cellular phone.

**SDS No.** 0047

**Date of Preparation** March 13, 2018

### SECTION 2. HAZARD IDENTIFICATION

Classified according to Canada's Hazardous Products Regulations (WHMIS 2015).

#### Classification

Flammable liquid - Category 2; Eye irritation - Category 2A; Respiratory sensitization - Category 1A; Health Hazard Not Otherwise Classified (HHNOC) - Category 1

#### Label Elements



#### Signal Word:

Danger

#### Hazard Statement(s):

Harmful if swallowed or if inhaled.

Causes skin irritation.

Causes serious eye irritation.

May cause respiratory irritation.

May cause drowsiness or dizziness.

May damage fertility or the unborn child.

May cause damage to organs through prolonged or repeated exposure.

#### Precautionary Statement(s):

##### Prevention:

Obtain special instructions before use.

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

Keep container tightly closed.

Keep only in original container.

Wear protective gloves/protective clothing/eye protection/face protection.

IF SWALLOWED: Immediately call a POISON CENTRE/doctor/

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.

Continue rinsing.

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Storage:

Store in a dry place. Store in a closed container.

Disposal:

Dispose of contents and container in accordance with local, regional, national and international regulations.

**Other Hazards**

May be a fire hazard in a confined space.

### SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Mixture:

| Chemical Name       | CAS No.  | %       | Other Identifiers | Other Names |
|---------------------|----------|---------|-------------------|-------------|
| Methyl Ethyl Ketone | 78-93-3  | 15 - 40 | MEK               |             |
| Tetrahydrofuran     | 109-99-9 | 15 - 40 | THF               |             |
| Acetone             | 67-64-1  | 15 - 40 |                   |             |

### SECTION 4. FIRST-AID MEASURES

**First-aid Measures**

**Inhalation**

Remove source of exposure or move to fresh air. Get medical advice or attention if you feel unwell or are concerned.

**Skin Contact**

Wash with plenty of water. Take off immediately contaminated clothing, shoes and leather goods (e.g. watchbands, belts). Get medical advice or attention if you feel unwell or are concerned.

**Eye Contact**

Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately rinse the contaminated eye(s) with lukewarm, gently flowing water for 15-20 minutes, while holding the eyelid(s) open. If eye irritation persists, get medical advice or attention.

**Ingestion**

Immediately call a Poison Centre or doctor. Do not induce vomiting. Never give anything by mouth if person is rapidly losing consciousness, or is unconscious or convulsing. Do not induce vomiting.

**First-aid Comments**

Get medical advice or attention if you feel unwell or are concerned.

**Most Important Symptoms and Effects, Acute and Delayed**

If inhaled: small amounts can cause effects as described for inhalation. Symptoms may include coughing, shortness of breath, difficult breathing and tightness in the chest. If on skin: can cause effects as described for skin contact. If in eyes: small amounts may cause very mild irritation. May cause moderate to severe irritation. Symptoms include sore, red eyes, and tearing. If inhaled and/or swallowed: small amounts symptoms may include coughing, shortness of breath, difficult breathing and tightness in the chest. Symptoms may include coughing, choking, shortness of breath, difficult or rapid breathing and wheezing.

**Immediate Medical Attention and Special Treatment**

**Target Organs**

Eyes, lungs, respiratory system.

### SECTION 5. FIRE-FIGHTING MEASURES

**Extinguishing Media**

**Suitable Extinguishing Media**

Carbon dioxide, dry chemical powder, appropriate foam, water spray or fog.

**Unsuitable Extinguishing Media**

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Water is not effective for extinguishing a fire. It may not cool product below its flash point.

#### Specific Hazards Arising from the Product

Flammable liquid and vapour. Can ignite at room temperature. Releases vapour that can form explosive mixture with air. May travel a considerable distance to a source of ignition and flash back to a leak or open container. In a fire, the following hazardous materials may be generated: corrosive, flammable ammonia; very toxic carbon monoxide, carbon dioxide.

#### Special Protective Equipment and Precautions for Fire-fighters

Fight fire from a safe distance or a protected location. flammable or explosive atmosphere. Dike and recover contaminated water for appropriate disposal.

## SECTION 6. ACCIDENTAL RELEASE MEASURES

#### Personal Precautions, Protective Equipment, and Emergency Procedures

Use the personal protective equipment recommended in Section 8 of this safety data sheet. Evacuate the area immediately. Isolate the hazard area. Keep out unnecessary and unprotected personnel.

#### Environmental Precautions

It is good practice to prevent releases into the environment. Do not allow into any sewer, on the ground or into any waterway. If the spill is inside a building, prevent product from entering drains, ventilation systems and confined areas.

#### Methods and Materials for Containment and Cleaning Up

Do NOT use combustible materials such as sawdust. Dike spilled product to prevent runoff. Dike and recover contaminated water for appropriate disposal. Store recovered product in suitable containers that are: review Section 13 (Disposal Considerations) of this safety data sheet. Review Section 13 (Disposal Considerations) of this safety data sheet.

#### Other Information

Contact supplier, local fire and emergency services for help. Report spills to local health, safety and environmental authorities, as required.

## SECTION 7. HANDLING AND STORAGE

#### Precautions for Safe Handling

If used in a confined space: prevent skin contact. Do not get in eyes, on skin or on clothing. Only use where there is adequate ventilation. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

#### Conditions for Safe Storage

Store in an area that is: cool, well-ventilated, out of direct sunlight and away from heat and ignition sources. Store in a closed container.

## SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

#### Control Parameters

| Chemical Name       | ACGIH TLV® |         | OSHA PEL  |         | AIHA WEEL       |     |
|---------------------|------------|---------|-----------|---------|-----------------|-----|
|                     | TWA        | STEL    | TWA       | Ceiling | 8-hr TWA        | TWA |
| Methyl Ethyl Ketone |            | 200 ppm | 885 mg/m3 |         |                 |     |
| Tetrahydrofuran     | 50 ppm     | 100 ppm | 590 mg/m3 |         |                 |     |
| Acetone             | 500 ppm    | 750 ppm | 1000 ppm  |         | Not established |     |

#### Appropriate Engineering Controls

Concentrated product: in a confined space: do not allow product to accumulate in the air in work or storage areas, or in confined spaces. Use local exhaust ventilation and enclosure, if necessary, to control amount in the air. Exhaust directly to the outside, taking any necessary precautions for environmental protection. Provide eyewash in work area, if contact or splash hazard exists. Provide safety shower in work area, if contact or splash hazard exists.

#### Individual Protection Measures

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**Eye/Face Protection**

Wear chemical safety goggles.

**Skin Protection**

Concentrated product: wear chemical protective clothing e.g. gloves, aprons, boots.

**Respiratory Protection**

Concentrated product: wear a NIOSH approved particulate respirator equipped with an N95, R95, or P95 filter.

**SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES****Basic Physical and Chemical Properties**

|  |  |
|--|--|
| Appearance                                       | Colourless liquid.                                 |
| Odour  | Aromatic   |
| Odour Threshold                                  | Not available                                      |
| pH   | Not available                                      |
| Melting Point/Freezing Point                     | < 0 °C (32 °F) (melting); Not available (freezing) |
| Initial Boiling Point/Range                      | 65 °C (149 °F)                                     |
| Flash Point                                      | -5 °C (23 °F) (closed cup)                         |
| Evaporation Rate                                 | 1.8 (n-butyl acetate = 1)                          |
| Flammability (solid, gas)                        | Flammable solid.                                   |
| Upper/Lower Flammability or Explosive Limit      | 11.8% (upper); 2.2% (lower)                        |
| Vapour Pressure                                  | 145 mm Hg at 20 °C                                 |
| Vapour Density (air = 1)                         | > 1  |
| Relative Density (water = 1)                     | 0.9 - 1.0  |
| Solubility                                       | Practically insoluble in water                     |
| Partition Coefficient, n-Octanol/Water (Log Kow) | Not available                                      |
| Auto-ignition Temperature                        | 321 °C (610 °F)                                    |
| Decomposition Temperature                        | Not available                                      |
| Viscosity  | 0.95 - 0.97 centipoises (dynamic)                  |
| Other Information                                |  |
| Physical State                                   | Liquid   |

**SECTION 10. STABILITY AND REACTIVITY****Reactivity**

Not reactive under normal conditions of use.

**Chemical Stability**

Normally stable.

**Possibility of Hazardous Reactions**

None expected under normal conditions of storage and use.

**Conditions to Avoid**

Open flames, sparks, static discharge, heat and other ignition sources. Accumulation of static charge. Freezing.

**Incompatible Materials**

Oxidizing agents (e.g. peroxides), strong acids (e.g. hydrochloric acid), strong bases (e.g. sodium hydroxide).

**Hazardous Decomposition Products**

None known.

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## SECTION 11. TOXICOLOGICAL INFORMATION

Information presented below is for the entire product, unless otherwise specified.

### Likely Routes of Exposure

Inhalation; skin contact; eye contact; ingestion.

### Acute Toxicity

| Chemical Name       | LC50   | LD50 (oral)                           | LD50 (dermal)          |
|---------------------|--|---------------------------------------|------------------------|
| Methyl Ethyl Ketone | 11700 ppm (male rat)<br>(4-hour exposure) (vapour) | 2740 mg/kg (rat)                      | 6480 mg/kg (rabbit)    |
| Tetrahydrofuran     | 21000 ppm (rat) (4-hour<br>exposure)               | 1650 mg/kg (rat)                      |                        |
| Acetone             | 30000 mg/kg (rabbit)<br>(4-hour exposure)          | 5800 mg/kg (rat) (4-hour<br>exposure) | > 16000 mg/kg (rabbit) |

LC50: Not applicable.

LD50 (oral): Not applicable.

LD50 (dermal): Not applicable.

### Skin Corrosion/Irritation

Human experience shows mild irritation. Symptoms include slight redness and swelling.

### Serious Eye Damage/Irritation

Human experience shows serious eye irritation. May cause serious eye irritation based on information for closely related materials. Symptoms include sore, red eyes, and tearing. The vapour also irritates the eyes.

### STOT (Specific Target Organ Toxicity) - Single Exposure

#### Inhalation

Symptoms may include coughing, shortness of breath, difficult breathing and tightness in the chest.

#### Skin Absorption

Symptoms may include redness, rash, swelling and itching.

#### Ingestion

Can cause effects as described for inhalation.

### Aspiration Hazard

May be drawn into the lungs (aspirated) if swallowed or vomited. Symptoms may include coughing, choking, shortness of breath, difficult or rapid breathing, and wheezing.

### Carcinogenicity

| Chemical Name | IARC          | ACGIH® | NTP        | OSHA       |
|---------------|---------------|--------|------------|------------|
| Acetone       | Not evaluated | A4     | Not Listed | Not Listed |

Not a carcinogen.

### Key to Abbreviations

Group 3 = Not classifiable as to its carcinogenicity to humans.

### Reproductive Toxicity

#### Development of Offspring

May harm the unborn child.

#### Sexual Function and Fertility

Not known to cause effects on sexual function or fertility. If inhaled: if inhaled and/or swallowed.

#### Effects on or via Lactation

No information was located.

### Germ Cell Mutagenicity

Not mutagenic.

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No information was located for: Skin Corrosion/Irritation, Serious Eye Damage/Irritation, STOT (Specific Target Organ Toxicity) - Repeated Exposure, Respiratory and/or Skin Sensitization, Interactive Effects

## SECTION 12. ECOLOGICAL INFORMATION

Environmental information was not located. VOC INFORMATION:-..... This product emits VOC's (volatile organic compounds in use. Always ensure that the use of this product complies with local VOC Emission Regulations, where they exist. The VOC level is 409 grams/litre (SCAQMD Test Method 316A).

### Ecotoxicity

No information was located.

#### Acute Aquatic Toxicity

| Chemical Name       | LC50 Fish  | EC50 Crustacea | ErC50 Aquatic Plants | ErC50 Algae |
|---------------------|--|----------------|----------------------|-------------|
| Methyl Ethyl Ketone | 2993 mg/L<br>(Pimephales promelas (fathead minnow); 96-hour) | N/Av           | N/Av                 | N/Av        |
| Tetrahydrofuran     | 481-578 mg/L<br>(96-hour)                                    |                |                      |             |
| Acetone             | 12600 mg/L<br>(Daphnia magna (water flea); 48-hour)          |                |                      |             |

#### Chronic Aquatic Toxicity

| Chemical Name       | NOEC Fish  | EC50 Fish | NOEC Crustacea | EC50 Crustacea |
|---------------------|--|-----------|----------------|----------------|
| Methyl Ethyl Ketone | 308 mg/L (21-day)  | N/Av      | N/Av           | N/Av           |
| Acetone             | 5540 mg/L<br>(Oncorhynchus mykiss (rainbow trout); 21-day) |           |                |                |

### Persistence and Degradability

No information was located.

### Bioaccumulative Potential

No information was located.

### Mobility in Soil

No information was located.

### Other Adverse Effects

This product contains volatile organic compounds.

## SECTION 13. DISPOSAL CONSIDERATIONS

### Disposal Methods

Dispose of contents and container in accordance with local, regional, national and international regulations. Contact local environmental authorities for approved disposal or recycling methods in your jurisdiction. This product and its container must be disposed of as hazardous waste. Do NOT dump into any sewers, on the ground or into any body of water. Do not reuse empty containers. Dispose of or recycle empty containers through an approved waste management facility.

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## SECTION 14. TRANSPORT INFORMATION

| Regulation   | UN No. | Proper Shipping Name  | Transport Hazard Class(es) | Packing Group |
|--------------|--------|---|----------------------------|---------------|
| Canadian TDG | 1992   | Flammable Liquids   | Consumer Commodity         | II            |
| Canadian TDG | 1992   | Flammable Liquids (Flammable Liquids N.O.S. (Tetrahydrofuran) ) | 3                          | II            |

**Environmental Hazards** Not applicable

**Special Precautions** Please note: Read safety instructions, SDS and emergency procedures before handling.

**Transport in Bulk According to Annex II of MARPOL 73/78 and the IBC Code**

Not applicable

**Other Information** In containers up to 5 litres or 30 kg gross weight per package - this is shipped as CONSUMER COMMODITY. If the shipment exceeds 500 kg in weight, this is shipped as CONSUMER COMMODITY - FLAMMABLE LIQUIDS CLASS 3.

## SECTION 15. REGULATORY INFORMATION

### Safety, Health and Environmental Regulations

This section is not required by WHMIS.

Canada

**WHMIS 1988 Classification**

B2 - Flammable Liquid

## SECTION 16. OTHER INFORMATION

**NFPA Rating** Health - 2 Flammability - 3 Instability - 2

**SDS Prepared By** Sluyter Company Ltd

**Phone No.** 905-475-6011

**Date of Preparation** March 13, 2018

**Revision Indicators** Date of Preparation.

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