

Select Products - Material Safety Data Sheet

Date prepared: 17 January 2005

Date revised: 06 August 2013

Product Name: Select Virgin White 120ml, 240ml
Product Code(s): SEL5104, SEL5108

A 100% Teflon packing for use as a valve stem packing. Has triple the life of conventional packing. It is self lubricating and does not deteriorate or wash out of packing gland. Makes excellent gaskets for all types of pump houses, etc. Also can be used on 4" and up and may benefit from hemp packing.

Colour: White
Consistency: Braided, round cylindrical packing
Temperature range use: GASES: -400°F (240°C) to +600°F (315°C) / LIQUIDS: up to 10,000 PSI (70.30Kg/sq cm).
Usable to: -100°F (73°C)
For use on: All types of large threaded materials and replacement of standard graphite or graphite impregnated packing.
Contents: Pure 100% Virgin Teflon
Corrosiveness: Non- Corrosive
Packaged in: Metal spools with covers in 3/32" (.23cm) and 5/32" (.39cm) diameter by 260" (6.6m) long.

Recommended for use with:

| | | | | | |
|------------------------|-------------------------|----------------------|----------------------|--------------------|-------------------|
| acids, diluted | Air, compressed gaseous | Alkalis, diluted | Ammonia | Aliphatic Solvents | Brine |
| Butane | Carbon Dioxide | Castor Oils | Chlorinated Water | Corrosives | |
| Cutting Oils | Diesel Fuel Oil | Fatty Acids (liquid) | Freons (all) | Gasoline | Gasohol |
| Glycol | Heating Oils | Helium, Gaseous | Jet Fuel (JP3,4 & 5) | Kerosene | Lacquer |
| Liquid Petroleum Gases | Manufactured Gases | Mineral Oils | Naptha | Natural Gas | Nitrogen, Gaseous |
| Petroleum Solvents | Propane | Refrigeration Gases | Soap, Liquid | Steamlines | Sugar, Liquid |
| Vegetable Oils | Water (HOT or Cold) | Xylol | Inert gas gaseous | Hydrogen | Hydraulic Oils |

1. Identification of the Substance/Preparation and the Company/Undertaking

Substance or preparation trade name: Select Virgin White 120ml, 240ml & 750ml Multi-Thread Seal for use on all metals, PVC, CPVC, ABS Plastic, Polybutylene, Polypropylene and Nylon Pipe Threads.

Unique reference numbers(s): SEL5104, 5108 & 5116

Company name & address: Select Products Division, The Select Group of Companies Ltd, Loribon House, Aspen Way, Yalberton Industrial Estate, Paignton, Devon TQ4 7QR England.

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2. Composition

See section 3 for details.

3. Hazards Identification

Most important hazards:

Specific hazards:

| Hazardous Components Common Names (Specific Chemical Identity) | OSHA PEL | ACGIH TLV | OTHER LIMITS Recommended | % (optional) |
|--|----------|-----------|-----------------------------|-----------------|
| ISOPROPANOL (CAS # 67-63-0) | 400 ppm | 400 ppm | N/A | 8 - 13% |
| BUTYL CELLOSOLVE (CAS # 111-76-2) | 50 ppm | 25 ppm | N/A | 20 - 25% |

4. First aid measures

Route(s) of Entry: Inhalation? YES Skin? YES Ingestion? YES

Health Hazards (Acute and Chronic): NONE

Carcinogenicity: NIP? NO IARC Monographs? NO OSHA Regulated? NO

Signs and Symptoms of Exposure:

INHALATION: POSSIBLE DIZZINESS IF USED IN CONFINED AREA

SKIN: MAY CAUSE MILD IRRITATION TO SENSITIVE SKIN

Medical Conditions Generally Aggravated by Exposure: NONE KNOWN

Emergency and First Aid Procedures:

EYE CONTACT: FLUSH EYES WITH WATER

SKIN: WASH EXPOSED AREA WITH SOAP AND WATER, WASH CLOTHING BEFORE REUSE

INHALATION: MOVE TO WELL VENTILATED AREA. INGESTION: CONSULT PHYSICIAN

5. Fire fighting measures

Flash Point (Method Used):
82°F (28°C) ASTM
METHOD D93-80

Flammable Limits:
921°F (494°C)
IGNITION TEMP.

LEL:
1.1%

UEL:
10.6%

Extinguishing Media: CARBON DIOXIDE OR DRY CHEMICAL OR WATER

Special Fire Fighting Procedures: NONE

Unusual Fire and Explosion Hazards: CONTACT WITH STRONG OXIDIZERS MAY CAUSE FIRES OR EXPLOSIONS. CARBON MONOXIDE MAY BE RELEASED.

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6. Accidental release measures

Steps to Be Taken in Case Material is Released or Spilled: Normal good housekeeping procedures

Waste Disposal Method: Disposal to be done in accordance with EC regulations

Other Precautions: Wear protective gloves to prevent possible skin absorption and dermatitis. Keep out of reach of children.

7. Handling and storage

Waste Disposal Method: Disposal to be done in accordance with EC regulations

Precautions to Be Taken in Handling and Storing: Store away from heat or open flame. Close container after use.

Other Precautions: Wear protective gloves to prevent possible skin absorption and dermatitis. Keep out of reach of children.

8. Exposure Controls

Respiratory Protection (Specify Type) AVOID BREATHING OF FUMES. IF USED IN A CONFINED AREA A RESPIRATOR MAY BE NECESSARY.

Ventilation Local Exhaust: NORMAL VENTILATION IS ADEQUATE Special: N/A
Mechanical (General): N/A Other: N/A

Protective Gloves:

May be necessary for sensitive skin

Eye Protection:

Keep out of eyes. Wear protective goggles where necessary

Other Protective Clothing or Equipment: N/A

Work/Hygienic Practices: N/A

9. Physical and chemical properties

| | | | |
|-----------------------------------|--------|--|------|
| Boiling point: | 180 °F | Specific Gravity (H ₂ O=1): | 1.41 |
| Vapor Pressure (mm Hg): (AT 25°C) | .88 | Melting Point: | N/A |
| Vapor Density (AIR = 1): | > 1 | Evaporation Rate (Butyl Acetate=1) | 0.6 |

Solubility in Water: SLIGHT

Appearance and Odor: WHITE PASTE - MILD ODOR

10. Stability and reactivity

Stability: Stable Conditions to Avoid: N/A

Incompatibility (Materials to Avoid): LIQUID OXYGEN SYSTEMS, LIQUID SODIUM, GASEOUS FLUORINE, STRONG OXIDIERS.

Hazardous Decomposition or Byproducts: N/A

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Hazardous
Polymerization:

Will Not Occur

Conditions to Avoid: N/A

11. Toxicological information

Medical Conditions Generally Aggravated by Exposure: NONE KNOWN

12. Ecological information

None

13. Disposal Considerations

Disposal to be carried out in accordance with EC regulations

14. Transport information

Classification data: None

15. Regulatory information

None supplied

16. Other Information

Safety Phrases:

EYE CONTACT: FLUSH EYES WITH WATER

SKIN: WASH EXPOSED AREA WITH SOAP AND WATER, WASH CLOTHING BEFORE REUSE

INHALATION: MOVE TO WELL VENTILATED AREA. INGESTION: CONSULT PHYSICIAN

FOR COMPANY USE

The information and recommendations set forth herein are taken from sources believed to be accurate as of the date hereof; however, Select International Limited makes no warranty with respect to the accuracy of the information or the suitability of the recommendations, and assumes no liability to any user thereof.

Approved by.....