



Good Looks That Last

MATERIAL SAFETY DATA SHEET

MANUFACTURER: SISSONS PAINTS LIMITED
PRODUCT: POLYURETHANE VARNISH GLOSSY CLEAR

I. COMPOSITION / INGREDIENTS

| <i>Raw Materials</i> | <i>% By Weight</i> | <i>CAS Number</i> |
|----------------------|--------------------|-------------------|
| Resin (Non-Volatile) | 45.0 - 50.0 | |
| Biocide | 0.50 - 0.75 | |
| Mineral Spirits | 12.0 - 17.0 | |
| Metallic Driers | 0.60 - 1.0 | |

II. PHYSICAL AND CHEMICAL PROPERTIES

| | |
|--------------------------------|---|
| Physical State | Liquid |
| Colour | Clear |
| Boiling Point Range | 155 ⁰ C - 205 ⁰ C |
| Pounds/Gallons | 7.50 ± 0.5 |
| Volatile Organic Content (VOC) | 428.0 gm/litre |
| Flash Point (Seta flash) | 45 ⁰ C |



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III. FIRE AND EXPLOSION HAZARD INFORMATION

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|----------------------------------|---|
| Flammable Liquid | 1B |
| Extinguishing Media | In case of fire use CO ₂ dry chemicals, foam, or other approved method of treating a Class B fire. |
| Usual Fire and Explosion Hazards | Keep container tightly closed. Isolate from, heat, electrical equipment sparks and flame. |

IV. HEALTH HAZARD INFORMATION

Effects of Overexposure:

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| Inhalation | Irritation of the respiratory tract. If you experience difficulty in breathing, leave the area to obtain fresh air. If continued difficulty is experienced, seek medical assistance immediately. |
| Eye Contact | Flush immediately with large amounts of water for at least 15 minutes. Seek medical assistance if irritation persists. |
| Skin Contact | Wash affected areas with soap and water. Remove soil clothing. Seek medical assistance if irritation persists. |
| If Ingested | Consult a physician immediately. Do not induce vomiting. |

V. SPILL OR LEAK PROCEDURES

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| Steps to be taken if Material is Spilled | Remove all sources of ignition (flames, hot surfaces, electrical). Prevent breathing of vapours. Ventilate area. Contain spilled material and remove with inert absorbent, non-sparking tools. Store in closed container. |
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VI. SAFE HANDLING AND USE INFORMATION

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|----------------------------|---|
| Respiratory Protection | Do not breathe vapours. Use a NIOSH/MSHA approved cartridge type particulate/vapour respirator or air-supplied mask in confined areas. Proper respiratory selection should be determined by adequately trained personnel. |
| Ventilation | Avoid breathing mists and vapour. Use in well ventilated area. In confined space, mechanical ventilation may be necessary. |
| Protective Gloves | Keep away from skin. Skin contact can be minimized by wearing protective gloves such neoprene, rubber, etc and where necessary, impervious clothing and boots. A source of clean water should be available in the work area for flushing eyes and skin. |
| Eye Protection | Keep away from eyes. Eye contact can be avoided by wearing safety glasses or chemical splash goggles |
| Other Protective Equipment | The use of solvent impermeable clothing and boots to prevent skin contact are recommended. |

VII. OTHER PRECAUTIONS

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| Precautions to be taken in Handling and Storing | Keep away from heat, sparks and flames. Do not smoke. Extinguish all pilot lights and turn off all sources of ignition and all other non-explosion proof electrical equipment. Do not store above 120 ⁰ F or near fire or open flames. |
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