



pantograph services

Incorporating Newing-Hall Ltd and Riggs Engraving Services Ltd

SALES & SERVICE TO THE ENGRAVING & SIGN TRADE

UNIT 8d, FELNEX CLOSE. CROSS GREEN INDUSTRIAL PARK, LEEDS. LS9 0SR

TELEPHONE: (0113) 249 6161 FAX: (0113) 249 7033

VAT REGISTRATION No GB 332369855

E-mail: sales@pantograph.co.uk www.pantograph.co.uk

MATERIAL SAFETY DATA SHEET CHEMICAL HAZARDS INFORMATION

ENGRAVERS QUALITY HARD WAX

COMPOSITION

PORTUGUESE W W GUM RESIN
FLAKE BUTTON SHELLAC
BARIUM SULPHATE
LITHOPONE (PIGMENT)
BLACK POWDER (PIGMENT)
MATERIAL COMPOUNDED INTO STICK FORM

TYPICAL PROPERTIES

MATERIAL SOFTENING POINT
APPEARANCE

95° - 120° CELCIUS
BLACK SOLID ODOUR SLIGHT MENISCUS
ODOUR REACTIVITY STABLE.AVOID HOT
SURFACES

HAZARDOUS

IDENTIFICATION

RISK PHRASE
FLASH POINT
THERMAL DECOMPOSITION

LOW HAZARD POTENTIAL
UPWARDS OF 240° CELCIUS
300° CELCIUS POLYMERISING INTO AN
INFUSERABLE STATE BURNING WITH A
BLUISH FLAME

TOXICITY

THE NATURE OF THE FINISHED PRODUCT IS
NON-TOXIC. IT IS NOT SUITABLE FOR
DIGESTION IN ANY FORM PARTICULARLY IN
ANY MOLTEN STATE.



pantograph services

Incorporating Newing-Hall Ltd and Riggs Engraving Services Ltd

SALES & SERVICE TO THE ENGRAVING & SIGN TRADE

UNIT 8d, FELNEX CLOSE, CROSS GREEN INDUSTRIAL PARK, LEEDS, LS9 0SR

TELEPHONE: (0113) 249 6161 FAX: (0113) 249 7033

VAT REGISTRATION No GB 332369855

[E-mail: sales@pantograph.co.uk](mailto:sales@pantograph.co.uk) www.pantograph.co.uk

IN A MOLTEN STATE, THE WAX WILL CAUSE SEVERE BURNS TO THE SKIN. PROTECTIVE EQUIPMENT IS STRONGLY ADVISED AT ALL TIMES TO ENSURE THE USER'S SAFETY. A MINIMUM REQUIREMENT OF GLOVES AND EYE SHIELD ARE ESSENTIAL. CARE SHOULD ALWAYS BE TAKEN IN THE HANDLING OF SEALING WAXES IN A MOLTEN STATE/CONDITION. THE MATERIALS WILL EMIT LOW LEVELS OF CO₂ AND H₂O AT HIGH TEMPERATURES.

FIRST AID MEASURES

INHALATION POSSIBILITY OF NON-TOXIC SMOKE EMISSIONS FROM MELTING WAXES. UNLIKELY TO CAUSE IRRITATION OR BREATHING DIFFICULTIES. SKIN EXPOSURE IN STANDARD SOLID STATE, THERE ARE NO KNOWN PROBLEMS IN HANDLING HARD STICKS. EXTREMELY SENSITIVE SKIN MAY REQUIRE PROTECTION AS A PRECAUTION. GLOVES SHOULD BE WORN WHEN USING WAX WHEN PROCESSING TO A MOLTEN/WORKING. CONDITION.

HOT PRODUCT/MOLTEN STATE PROTECTIVE MEANS STRONGLY RECOMMENDED TO ALL AREAS WHERE SKIN IS LIKELY TO BE INJURED IF SPLASHED WITH HOT MOLTEN WAXES. GLOVES AND EYE SHIELDS NECESSARY IN PROCESING MATERIALS.

IN THE EVENT OF SPILLAGE OF HOT MOLTEN MATERIAL ONTO SKIN AREAS. IMMEDIATELY IMMERSE THE AFFECTED AREA IN COPIOUS AMOUNTS OF COLD RUNNING WATER TO DISSIPATE HEAT. SHOULD THERE BE WAX PARTICLES IN THE EYE, FLUSH WITH COLD WATER OR SUITABLE ALTERNATIVE EYE TREATMENT, ENSURING LIQUID FLOWS AWAY FROM THE EYE AFFECTED. SEEK MEDIAL ATTENTION IF NECESSARY