

MATERIAL SAFETY DATA SHEET

- 1) IDENTIFICATION
 - Material : DAMAR RESIN
 - Synonym : Gum Damar
 - CAS No : 9000-16-2
- 2) COMPOSITION : Alpha- and beta-resene fractions of damarolic acid with
- 3) HAZARD IDENTIFICATION: See para. 15 terpenic essential oils
 - Risk Phrase : None
 - Safety Phrase : None
 - Other : None
- 4) FIRST AID MEASURES : Note to physician; no specific antidote, supportive care only
 - Inhalation : Remove to clean atmosphere
 - Skin : Wipe clean
 - Eye : Wash with eyewash solution or water. Dust may cause irritation
 - Ingestion : Non-toxic by mechanical abrasion.
- 5) FIRE FIGHTING
 - Extinguish with : Any system
 - Combustion products : CO₂, H₂O and ash
 - Protective equipment: No special requirement
- 6) ACCIDENTAL RELEASE : Normal disposal of remaining material (See para. 15)
- 7) HANDLING/STORAGE
 - Handling : No special requirement; consider local extraction if dust is
 - Storage : Cool dry ambient present
 - Ventilation : No special requirement
- 8) EXPOSURE CONTROLS : None
- PERSONAL PROTECTION
 - Respiratory : Mask if dust, (See EN 149)
 - Protective Clothing : Impervious gloves if dusty
- 9) PHYSICAL/CHEMICAL PROPS.
 - Appearance : Off white to grey/black variform pieces
 - Odour : Slightly aromatic
 - Soften/Melt Range : 70 - 125°C.
 - Flash Point : c.58°C.
 - Flammability : Slow combustion
 - SG @ 20°C. : 1.03 - 1.06
 - Solubility in Water : Nil
- 10) STABILITY/REACTIVITY
 - Stability : Stable under normal conditions
 - Reactivity: temp. : Melts and chars with eventual slow combustion
 - " : pressure: None
 - " : shock : None
 - Danger of Dust/Air Mixture Explosion : Not defined
 - Materials to avoid : None known
 - Auto-degradation to unstable products : None under normal storage conditions
- 11) TOXICOLOGICAL INFO. : No known short or long term effects.
- 12) ECOLOGICAL INFORMATION : Inert natural material, no known adverse effects.
- 13) DISPOSAL CONSIDERATION : Material and packing may be disposed of as per local and national regulations. It is not listed as hazardous waste.
- 14) TRANSPORT INFORMATION : Not classified as hazardous for transport.
- 15) REGULATORY INFORMATION : Not classified under current CHIP regulations. Dust from this material is classified as a nuisance dust with an OEL of 10 mg/m³.
- 16) OTHER INFORMATION : This information is for health and safety guidance only, is not a material specification, and does not constitute the user's own assessment of suitability, and workplace risk as required by any other Health and Safety legislation. It is accurate to the best of our knowledge and belief, but since the conditions of handling and use are outside our control we make no guarantee of results, and assume no liability for damages incurred by use of this material.