

Material Safety Data Sheet According to 91/155EC

Date: 17.02.02

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Reviewed

* 1 Identification of substance:

- ◇ Product details: **Nylasint Pressed Part**
- ◇ Trade name: *Nylasint Ink Roller or Nylasint slug*
- ◇ Article number: *According to sales order & delivery note.*
- ◇ According packaging units : *As supplied*
- ◇ Manufacturer/Supplier:
Quadrant EPP UK LTD, 83 Bridge Road East, Welwyn Garden City, Hertfordshire, AL71LA, England
- ◇ Information Department : *Technology Centre*
- ◇ Emergency Information: *Telephone 0044/1707 361858 Fax: 0044/1707361843*

* 2 Composition/Data on components:

- ◇ **Chemical Characterisation**
- ◇ **Description:** *Assembly of the substances listed below with non-hazardous additions*
- ◇ **Nylasint Roller:**
 - Chemical Characterisation. Polyimide*
 - Product Name: Nylsint M-4, 64HV – 2*
 - Melting Point (Degrees C) : 260*
 - Specific Gravity: <1.0 g/cm3*
 - Percent Volatiles by volume: <1.0*
 - Solubility in Water : Insoluble*
 - Appearance and Odour: Translucent white– no odour*

* 3. Hazards Identification:

- ◇ **Hazard description:** *No critical hazards to personnel or environment in case of normal storage*

4 First Aid Measures

- ◇ **After skin contact** *Generally the product does not irritate the skin.
In case molten material comes in contact with the skin, the skin needs to be rinsed abundantly with cold water.
Do not try to remove the molten material. Get medical assistance for the removal of the tacky material and for the medical care of the burn.*
- ◇ **After eye contact** *Rise opened eye for several minutes under running water.*
- ◇ **Inhalation :** *In case the plastic burns and combustion gases are inhaled, immediately leave the room and get medical help.*

5 Fire fighting measures

- ◇ **Suitable extinguishing agents.** *Use fire fighting measures that suite the environment. Water, foam, dry chemical, co2. No forbidden extinguishing media.*
- ◇ **Protective equipment.** *Firemen should wear self-contained breathing apparatus and protective clothing to prevent contact with skin and/or eyes. If exposed to combustion fumes in a high concentration, bring the victim into fresh air. If molten material contacts skin, cool rapidly with cold water and obtain medical attention for removal of adhering material and treatment of the burn.*
- ◇

* 6 Accidental Release Measures

- ◇ **Person-related safety precautions.** *If fumes from decomposed material are inhaled, remove to fresh air. Seek medical attention if respiratory irritation occurs or breathing becomes difficult.*
- ◇ **Measures for environmental protection.** *No special measures see section 12 & 13*
- ◇ **Measures for cleaning/collecting.** *No special requirements*

* **7 Handling and Storage**

- ◇ **Handling**
- ◇ **Information for safe handling** No special precautions are necessary if used correctly but safety glasses are recommended whilst machining parts.
- ◇ **Information about protection against explosions and fires.** No special measures required.
- ◇ **Storage**
- ◇ **Requirements to be met by storerooms and receptacles.** No special requirements.
- ◇ **Information about storage in one common storage facility.** Not required.
- ◇ **Further information about storage condition.** Should be kept in dry environment
- ◇ **Storage class**
- ◇ **Class according to regulation on flammable liquids.** Void.

* **8 Exposure controls and personal protection**

- ◇ **Additional information about design of technical systems** No further data; see item 7
- ◇ **Components with limit values that require monitoring at the workplace:**
CAS No. Designation of material % Type Value Unit
The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.
- ◇ **Additional information:**
- ◇ **Personal protective equipment.** None required for safety reasons
- ◇ **General protective and hygienic measures:**
- ◇ **Breathing equipment.** Not required.
- ◇ **Protection of hands.** Protective gloves.
- ◇ **Eye protection.** Goggles recommended during machining or if exposed to high revolutions

* **9 Physical and chemical properties:**

- | | |
|---|---|
| ◇ Form | Solid Pressed part |
| ◇ Colour | White |
| ◇ Odour | Nil |
| ◇ Change in condition | |
| Melting point/Melting range | 260 °C |
| Boiling point/Boiling range: | |
| ◇ Flash point: | |
| ◇ Ignition temperature | |
| ◇ Danger of explosion: | Product does not present an explosion hazard. |
| ◇ Density at 20°C | <1.0 g/cm ³ |
| ◇ Solubility in / Miscibility with water | Non miscible or difficult to mix |
| ◇ PH-value at 20°C | |
| ◇ Solvent content: | |
| Organic solvents: | 0.0% |
| Water | 0.0% |
| ◇ Solids content: | 100% |

10 Stability and reactivity

- ◇ **Thermal decomposition/conditions to be avoided:**
No composition if used according to specifications.
- ◇ **Dangerous reactions** No dangerous reactions known
- ◇ **Dangerous products of decomposition.** No dangerous decomposition products known.

* **11 Toxicological Information**

- ◇ **Not toxic**

12 Ecological information:

- ◇ **General notes:**
Water hazard class 1 (German Regulations) (Self-assessment): None hazardous

13 Disposal considerations

- ◇ **Product:** Dispose in suitable landfill in accordance to local regulations
- ◇ **Recommendation**
- ◇ **Unclean packagings:**
- ◇ **Recommendation:** Disposal must be made according to official regulations.

14 Transport information

- ◇ **Land transport ADR/RID (cross-border)**
- ◇ **ADR/RID class :** -
- ◇ **Maritime transport IMDG:**
- ◇ **IMDG class**
- ◇ **Marine pollutant:** No
- ◇ **Air transport ICAO-TI and IATA-DGR:**
- ◇ **ICAO/IATA class**

15 Regulations

- ◇ **Markings according to EY guidelines:**
The product has been classified and marked in accordance with EU Directives/Ordinance on Hazardous Materials.
 - ◇ **Code letter and hazard designation or product:**
Xn harmful
 - ◇ **Hazard-determining components of labeling:**
Solvent Orange 3
 - ◇ **Risk phrases:**
40 Possible risks of irreversible effects.
 - ◇ **Safety phrases:**
36/37 Wear suitable protective clothing and gloves.
60 This material and its container must be disposed of as hazardous waste.
 - ◇ **National regulations**
 - ◇ **Classification according to VbF:** Void
 - ◇ **Technical instructions (air):**
- | Class | Share in % |
|-------|------------|
| I | 0.1 |
| II | 39.0 |
| III | 38.0 |
- ◇ **Water hazard class:** Water hazard class I (Self-assessment) : slightly hazardous for water.