

POLYNIL P50-LHS NAT -BA

Safety Data Sheet 52095 - Issued 04/2005

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product trade name **POLYNIL P50-LHS NAT -BA**

Supplier name and address **Euronil SPA Moscova,1 - 20017 Rho (MI) Italia**
tel +39 02 93179702 - fax +39 02 93179733

Emergency **tel +39 02 93179722**

2. COMPOSITION / INFORMATION ON INGREDIENTS

Description of the composition **Polyamide 66 with additives**

3. HAZARDS IDENTIFICATION

Main hazards for human health and environment **none**

4. FIRST AID MEASURES

Inhalation *In case of inhalation of smokes due to overheating or combustion remove patient to fresh air. In case of extended exposition, call a doctor.*

Skin contact *In case of contact with melted , flood the skin with fresh water. Don't tear away the polymer from the skin. Call a doctor.*

Eye contact *Flush eyes gently with plenty of water for at least 15 minutes. If irritation persists call a doctor.*

5. FIRE FIGHTING MEASURES

Suitable extinguishing media *Carbon dioxide (CO2), dry chemical, foam, water.*

Not suitable extinguishing media *none*

Special exposure hazards *Extended inhalation to flue gas or to decomposition gas may be dangerous, according to gas type and concentration (see point 10.3)*

Special protective equipment for fire-fighters *Self-contained breathing apparatus and wear protective clothing.*

6. ACCIDENTAL RELEASE MEASURES

Personal precautions *none*

Environmental precautions *none*

Methods for cleaning up *Sweep up to prevent sliding.*

7. HANDLING AND STORAGE

7.1 Handling *Local ventilation required near the machinery and where powder can be developed.*

7.2 Storage *Keep containers tightly closed in a dry, cool and ventilated area. Prevent the build-up of electrostatic charge.*

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Technical suggestions *All machinery and suction systems must be designed to minimize dust inhalation and gas concentration.*

8.1 Respiratory protection *Use dust mask in the case of presence of dust and/or flue gas (see point 10.3).*

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8.2 Hands protection

Protective gloves

8.3 Eyes protection

Safety goggles.

8.4 Skin protection

Heat protective clothing.

8.5 Hygiene measures

Wash hands before break and after work. Don't breath flue gas. Do not drink, eat or smoke during working time.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form

granules

Physical state

solid

Colour

natural

Odour

none

pH

not applicable

Melting range (DSC)

262±5°C

Decomposition temperature

> 310°C

Density g/cm3

1,14

Solubility in water 23°C

insoluble

10. STABILITY AND REACTIVITY

Conditions to avoid

Temperature > 320°C

Materials to avoid

Strong acids and oxidising agents

Hazardous decomposition products

ammonia, cyclopentanone, aldehydes, hydrogen cyanide, carbon oxides

11. TOXICOLOGICAL INFORMATION

According to information available and our experience, product is not hazardous to health if handled and processed correctly.

12. ECOLOGICAL INFORMATION

Ecotoxicity

The product is not water soluble. No effects on plants, animals or microorganisms. Don't allow the product to be released into the environment.

13. DISPOSAL CONSIDERATIONS

recycling the product is better than dispose it. Disposal is to be in accordance with relevant local regulations.

14. TRANSPORT INFORMATION

Not classified as hazardous under transport regulations.

15. REGULATORY INFORMATION

Not subject to labeling regulations.

16. FURTHER INFORMATION

All information carried in this Security Card are correct accordingly to our best knowledge of the product at the time of publishing. Those information are provided with the only purpose of allowing use, stocking, transportation and discharge of the product, as safe as possible. Those information should not be considered as a grant or a specification of the quality of the product. They just refer specifically to the indicated material and are not valid for it when used in combination with other materials or in other processes not specifically indicated in the text of this Security Card of the Material.