

Safety data card in conformity with the EEC 91/155 DirectiveProduct Line : **BRAIDED PACKING - N2609****1. DENOMINATION OF THE PRODUCT AND OF THE COMPANY**

Indications on the product :

Syntetic preoxitated PAN C = 75 % yarn impregnated with a mixture

Data relevant to the producer : CARRARA

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2. COMPOSITION/INFORMATION ON THE COMPONENTS

Chemical characterization ; black braid graphite fiber base :

- Preoxitated PAN yarn and lubricating graphite powder

3. IDENTIFICATION OF THE DANGERS

- The carbon and the compounds of the molybdenum do not present evidences of danger for the health nor for the environment, situations of possible contact with the eyes and inhalation due to a presence of aerodispersed powders are however to be avoided (situations not foreseen)
- Risks can occur in case of fire when the product, in combustion, releases carbon monoxide and dioxide (CO, CO₂)

4. FIRST AID MEASURES

- bring the injured person in the open air whether for inhalation of combustion products or for accidental inhalation of powders released from processings (not foreseen on the product).
- request medical assistance in the most serious cases and with loss of consciousness

Interventions in case of contact :**Contact with the eyes**

- wash abundantly with running water with eyelids open

Contact with the skin

- wash with water and fat soap

Inhalation

- bring the subject in the open air

Clothes

- remove and wash

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5. ANTIFIRE MEASURES

Suitable means for extinction : - Water

- Foam

- Extinguishing powder

- Carbon dioxide

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The risks in case of fire are connected to the combustion products which are :

- Carbon monoxide/dioxide (CO e CO₂)
- Molybdenum oxide (MoO_x)

Particular protection equipment for the antifire operations :

- for the extinguishing, rescue and clearing operations in presence of combustion gases use a breathing apparatus

6. MEASURES IN CASE OF ACCIDENTAL LEAKAGE

Cleaning/collecting measures

- collector with mechanical equipment avoiding the formation of powders
- dispose in conformity with the Local regulations and laws

7. HANDLING AND WAREHOUSING

Handling/application

- avoid the high temperatures near or above the decomposition start temperature (T > 350°C in air and T > 450°C with not oxidizing steam and liquids)

Warehousing

- no particular precaution

8. LIMITATION OF THE EXPOSURE/INDIVIDUAL PROTECTION

Individual protection

- General protection measures : do not breath steams and powders in case they are generated
- In presence of powders : TLV = 10 mg/m³

9. PHYSICAL AND CHEMICAL PROPERTIES

Aspect :

- Shape : solid with braided long fibers, compact
- Colour : black
- Odour : odourless

Important data for the safety

Modifications of the physical state :

- Stable up to 350°C in air
- Stable up to 450°C in not oxidizing steam and atmosphere
- Flammability point : not applicable
- Ignition temperature: >600°C - Method: ASTM D 1929
- Inferior explosivity limit : not applicable
- Steam tension : not applicable
- Density: about 1,6 up to 1,7 g/cm³
- Solubility in water : insoluble
- pH value : not applicable
- Viscosity : not applicable

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10. STABILITY AND REACTIVITY

- Thermal decomposition: T > 350°C oxidizing environment - T > 450°C non oxidizing environment
- The product is quite stable in the normal use conditions
- Avoid prolonged contacts with strong oxidants, acids and strong bases

11. INDICATIONS ON THE TOXICOLOGY (Observations)

- The product and its components do not enter in the risk categories indicated by the EEC; and we do not have data of acute and/or chronic pathologies to be attributed to contact with the product

12. INDICATIONS FOR THE ECOLOGY (Observations)

- The product is not water-soluble
- We do not have indications of harmful effects on the environment by the product

13. INDICATIONS FOR THE DISPOSAL

- In respect of the set of rules in force in the matter and after having contacted the person in charge of the disposal and the competent authorities the product may be deposited in a dump or incinerated

14. INDICATIONS ON THE TRANSPORT

Transport by overland

- ADR GOODS NOT DANGEROUS
- RID GOODS NOT DANGEROUS

Water transportation

- ADNR GOODS NOT DANGEROUS

Transport by sea

- IMDG/UN GOODS NOT DANGEROUS

Transport by air

- ICAO/IATA-dgr GOODS NOT DANGEROUS

Shipment by mail

- Allowed

15. SET OF RULES

EEC 67/548 Directive

- Type of Classification : none

Labelling :

- Classification : not requested
- Danger symbol : not requested
- Risk phrases : not requested
- Safety phrases : not requested

DPR 303/56 (General rules for the working hygiene) : not mentioned

16. OTHER INFORMATIONS

These informations are based on the actual level of our knowledge and the ones supplied by the manufacturing companies of the components of our products. Their aim is to describe our product under the safety aspect and does not have the intent to guarantee determining specific properties of the product itself.