

Material Safety Data Sheet
According to 91/155/EEC
Conforms to directive 2001/58/CE
Issue date: 17/03/06 Rev. update: 05/01/06
Data sheet E-RIALFILL C 15 20 T NERO Rev. n° .00

1. Product and Company Identification

Product Name:	E-RIALFILL C 15 20 T NERO
Product Description and Use Typology	Mineral Filled POLYPROPYLENE compound for injection moulding.
Company Details:	RIALTI S.r.l. Via alla Piana, 61 21018 Sesto Calende (VA) - ITALY
For information:	Tel. 0039 (0)331 920749 Fax 0039 (0)331 920735 e-mail : rialti@rialti.it
For emergency:	Tel. 0039 (0)331 920724 Fax 0039 (0)331 920735

2. Composition / Information on Ingredients

This product doesn't contain substances which are classified as dangerous for health and for environment in terms foreseen by current valid Directives CE

3. Hazards Indications

Not classified dangerous, no particular danger.

4. First Aid Measures

Skin Contact:	After a contact with this melted product, immediately cool with abundant running water, don't try to take away from skin the solified product, but APPLY A SUITABLE MEDICAL TREATMENT.
Eye Contact:	Not foreseeable in normal employ conditions. Wash immediately with abundant water for at least 10 minutes and remove the product.
Ingestion:	Not foreseeable in normal employ conditions. Make immediately drink a lot of water. Consult a doctor showing this safety data sheet.
Inhalation:	Not foreseeable in normal employ conditions.. Don't provoke vomiting. Consult a doctor showing this safety data sheet.

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5. Fire – Fighting Measures

Extinguishing Media:	Water, foam, CO ₂ , chemical powder according to the materials involved in the fire.
Risks Result from Products of Combustion:	The burning material can emit smokes containing CO ₂ , CO, Nitrogen oxides and carbon substances.
Protection Equipments:	Wear adequate protective equipments with oxygen mask.

6. Accidental Release Measures

Personal Precautions:	Wear mask, gloves and protective glasses.
Method for Cleaning Up:	Collect the product while wearing the above mentioned protections. For reuse or disposal as waste, following the regulations in force.

7. Handling and Storage

Handling:	Avoid forming and dispersion of powder. Avoid handling directly without protective gloves and mask with anti-powder filter (P2).
Storage:	Store in a dry place sheltered from the sun light. Keep far from the sources of ignition, heat and inflammable substances. Avoid presence of grains on the floor, as it could create risks of slipping.

8. Exposure Controls and Personal Protection

Exposure Controls:	Working at heat can develop trace of monomer. The working system at heat need to be provided with detection systems of dust and gas/vapour which can be developed following the work.
Limits of Occupational Exposure:	This preparation wasn't formulated with substances for which community limits of professional exposure were fixed.
Personal Protection Devices:	During normal handling it is sufficient to use gloves and mask with filter for powders P2.

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9. Physical and Chemical Properties

Physical State:	Solid pellets
Colour:	black
Odour	Ordourless
pH:	Not applicable
Meting Point/Interval:	155-165 °C.
Decomposition Temperature:	>300 °C.
Specific Weight:	1050 Kg/m ³ .
Water Solubility:	Insoluble in water.

10. Stability and Reactivity

Stability:	The product is stable in the normal use condition.
Conditions to be Avoided:	Avoid temperature higher than 300°C.
Incompatible Materials:	None in particular and avoid strongly oxidant substances.
Product of Degradation Hazards:	The burning material can emit smokes containing CO ₂ , CO, Nitrogen oxide and carbon substances.

11. Toxicological Information

There are no toxicological data available on such product. Therefore the information is instead focused on individual substance and evaluate their toxicological effects result from the exposure to the product, see reference in paragraph 2.

12. Ecological Information

This product doesn't contain substances which are classified as dangerous for environment, despite this it's necessary to use it according to good working practices, avoiding to disperse it in subterranean waters, in waters of surface and in sewers.

This compound can be separated mechanically.

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13. Disposal Considerations

Dispose in compliance to the directive of 75/442/CEE (as modified from the Directives 91/156/CEE, 91/692/CEE, 96/59/CE and 96/350/CE) and according to the following regulations:

- Directive 91/689/CEE on hazardous wastes.
- Resolution 2000/532/CE and following modifications about institution of a new community waste's list.
- Directive 94/62/CE on the package and waste of package.

14. Transport Information

There is no precaution in particular.

15. Regulatory Information

In the form in which the product is introduced on the market, namely incorporated in an inert polymeric matrix, there are no risks for health and for aquatic ambient, anyway, according to the Legislative Decree no. 52 dtd 3rd February 1997 or to the Directive 1999/45/CE, no classification and labelling is requested.

16. Other Information

This Material Safety Data Sheet was prepared in compliance with EU Directive 91/155/CEE including amendments and integrations.

The Sheet establishes integrative document relative on the product usage instructions but does not substitute the product usage instructions itself.

The information contained in this sheet about the substances indicated, are referred to their conditions in the particular way the product is prepared and immersed in the market. The information is NOT valid for other substances combinations.

It is the user responsibility to use the products only for the anticipated ways and verify the appropriateness any information for the usage.

< Abbreviations >

ACGIH : American Conference of Governmental Industrial Hygienists

IARC : International Agency for Research on Cancer

EINECS: European Inventory of Existing Commercial Substances

CAS : Chemical Abstract Service (79/831 EEC)