

P5G - P6G - P7G RESINS SAFETY RECOMMENDATIONS

Trade Name : P5G - P6G - P7G RESINS

Presentation and rules of drafting in conformity with the NF T 01-100 standard

SPECIFIC RISKS

- Highly inflammable, irritant containing Methyl methacrylate.

1 IDENTIFICATION

1.1 Commercial designation :

P5G – P6G – P7G resin

1.2 Supplier

ELECTRONIQUE CONTROLE MESURE

4 Rue du Bois Chêne le Loup
F - 54500 VANDOEUVRE LES NANCY

Phone : (+33) 3.83.44.24.13

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1.3 Type of use :

- Paint for road markings,
- For further detail, refer to the technical manual.

1.4 Other data

- None



FRANCE

Head office

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2 CHEMICAL NATURE OF THE PRODUCT

- Preparation : hazardous compounds : Methyl methacrylate
- Impurities (hazardous) : None
- Other data : None

3 PHYSICAL PROPERTIES

3.1 Physical state

- Pasty at ambient temperature - grey in colour

3.2 Temperature characteristic

- Distillation :
 - An initial point greater than or equal to 100°C,
 - A final point greater than or equal to 100°C.

3.3 Solubility

- Cannot be mixed.

3.4 pH

- Not applicable.

3.5 Steam pressure

- Not applicable.

3.6 Volumetric mass

- 1.78 g/cc at 20°C

3.7 Other data

- None

4 STORAGE AND HANDLING

4.1 Precautions during storage and handling

- F.X. Irritant - contains methyl methacrylate,
- R11 - Highly inflammable,
- R20 - harmful if inhaled,
- S16 - deep away of any source of ignition - do not smoke,
- S29 - Do not dispose of remains in the drainage system,
- S33 - Avoid the build-up of electrostatic charge,
- Store in well ventilated premises away from any source of ignition or heat do not store near foodstuffs,
- Do not employ compressed oxygen for decanting or transportation of products.

4.2 Packaging materials

- Only use containers, gaskets, piping, etc. which can withstand hydrocarbons.

4.3 Dangerous reaction with other product

- Highly oxidised agents.

4.4 Dangerous decomposition products

- None

4.5 Personal protective measures

- Wear gloves and glasses - Do not smoke.

4.6 Special protective measures

- In enclosed premises, ensure adequate ventilation.

4.7 Measures to be taken following accidental leakage or spillage

Isolate all sources of combustion - stop all electrical machinery. Avoid breathing in the fumes. Ventilate thoroughly, remove with an inert absorbent (sand, absorbent, earth, etc.) and tools which do not cause a spark.

4.8 Other recommendations

- Avoid the build-up of electrostatic charge.

5 IGNITION AND EXPLOSION

5.1 Flash point

- < 21°C

5.2 Self-ignition point

- > 280°C

5.3 Particular hazards related to fire or explosion

- Highly inflammable.

5.4 Means of extinguishing

- Recommended :
 - Foam - CO2 - Powder - Water with emulsifier.

5.5 Fire prevention protective measures

- Cool down the threatened containers.

5.6 Other recommendations

- Not applicable.

6 TOXICOLOGICAL INFORMATION

- Frequent contact with the skin destroys the lipo-acid coating and can provoke dermatoses with risk of secondary allergies,
- Fumes and mists are irritants for the mucous, particularly ocular. In high concentrations, they have a narcotic effect on the central nervous system, either slight (headache, dizziness, sleepiness), or severe (loss of consciousness, sometimes with convulsions).

7 FIRST AID MEASURES

- Spraying : remove the affected clothing, wash the affected parts of the body with soap and water.
- Ingestion : do not provoke vomiting in order to avoid aspiration in the respiratory tract. Keep the patient still. Consult a doctor.
- Inhalation : take the patient into the open air and keep him/her warm. Consult a doctor.
- Projections in the eyes : wash carefully and copiously with water. Consult a doctor.

8 ENVIRONMENTAL PROTECTION

- Do not dispose of in the drainage system,
- Empty packaging can be taken to a rubbish tip whilst respecting local administrative regulations in force.

9 PARTICULAR INFORMATION

Transport :

- This file is complementary to the technical manual but does not replace it. The information herein contained is based on our knowledge of the product in question as of 21 April 1993. It is given in good faith. The attention of users is, furthermore, drawn to the possible risks arising from using the product for uses other than those it is designed for.