

**Material Data Safety Sheet (MSDS)
Acrylic Plastic Abrasive**

Issue No. 1
Approved PJM 10/05/2006
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**Chemical Product for Industrial Use
SAFETY DATA SHEET**

1 / IDENTIFICATION OF THE CHEMICAL AND THE COMPANY

Product Name	ACRYLIC POLYMER
Product Code	TYPE V
Supplier	SOLIDSTRIP® EUROPE Argyle House Argyle Business Center Church Road Marina Douglas Isle of Man IM1 2HQ
Emergency Telephone	044 (0) 7841 044 702

2 / COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients	Ingredient. #CAS NO. - NONE Acrylic Polymer Exposure Limit: ACGIH None OSHA None
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Other information

Physical Data:
Evaporation Rate: Solid
Solubility in Water: Insoluble
Approximate Boiling Range: Not applicable
Vapor Density: Not applicable
Percent Volatile: Not applicable
Density: 1.19

3 / HAZARDS IDENTIFICATION

Specific hazards

Main hazards to man

Ingestion of small quantities of this material under normal circumstances would not cause harmful effect.

On skin contact

Nuisance particles may cause irritation. Wash skin with soap and water. If irritation persists, contact a physician.

On contact with eyes

Nuisance particles may cause irritation. Flush eyes immediately with large amounts of water. If irritation persists, consult a physician.

After inhalation

Gross overexposure to nuisance particles, regardless of how generated, may cause irritation of the respiratory tract. If irritation develops, remove to fresh air. If breathing difficulty persists, consult a physician.

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On ingestion Ingestion of small amounts of this material under normal circumstances would not cause harmful effect.

Main hazards to environment Dispose in accordance with national and international laws.

4 / FIRST AID MEASURES

Skin contact Wash with soap and water. If irritation persists, contact a physician.

Contact with eyes Immediately flush eyes with large amounts of water. Consult a physician.

Inhalation Remove to fresh air. If breathing difficulty persists, consult a physician.

Ingestion Ingestion of small quantities of this material under normal circumstances would not cause harmful effect.

Special Care in the Working Place
Respiratory: Do not breathe dust. Wear a properly fitted dust respirator approved by NIOSH/MSHA during application, unless air monitoring shows dust levels below 10 mg/m³.
Protective Gloves: Leather gloves are recommended. Eye Protection: Safety glasses with side shields recommended.

5 / FIRE FIGHTING MEASURES

Flash point, ASTM D-1929 Estimate Flash Approx. 391C

Self-ignition temperature >570F or 370C

Explosibility limits (% volume in air) Not applicable

Suitable extinguishing media Foam, Carbon Dioxide, Water, Dry Chemical

Specific hazards in case of fire/explosion Under fire conditions, hazardous decomposition products will include: CO, CO₂ and smoke. Temperatures above 370C can cause methyl methacrylate monomer (MMA) to be released. Vapor may cause irritation to the eyes, nose and throat.

Other information Full Protective Firefighting Equipment

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6 / ACCIDENTAL RELEASE MEASURES

Personal precautions	SEE 7.
Environmental precautions	Do not discharge into drains. Dispose in accordance with laws.
Methods for cleaning and recuperation	Vacuum or sweeping.

7 / HANDLING AND STORAGE

Precautions during handling	Handle in a well ventilated Area.
Special protective measures	Provide adequate ventilation of the work site. Keep away from food. Provide eyewash, quick drench. See instructions at 4.
Preventive personal measures	Recommended to wear safety goggles, long sleeves clothing and gloves. See instructions at 4.
Storage precautions	Keep away from all sources of ignition.
Premises	Store at room temperature in a well ventilated area.
Packing materials	Fiber drums, boxes or bags.
Inappropriate materials	Not applicable
Other information	Not applicable

8 / EXPOSURE CONTROLS / PERSONAL PROTECTION

Hand protection	Safety gloves recommended.
Respiratory protection	Breathing mask recommended.
Eye protection	Safety goggles recommended.
Skin and body protection	Showers, protection suit recommended.
Exposition limit values Biological standards	Not applicable

9 / PHYSICAL AND CHEMICAL PROPERTIES

Physical state	Solid
Colour May vary according to manufacturing	Shades of white, grey, clear or multi-colored
Evaporation Rate	N/A
Flash point	391C

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Density 1.19

Solubility Insoluble

10 / STABILITY AND REACTIVITY

Hazardous reactions Hazardous Polymerization will not occur.

Materials to avoid Not applicable

Conditions to avoid Not applicable

Hazardous decomposition products Not applicable

Other information Not applicable

11 / TOXICOLOGICAL INFORMATION

Harmful effects to health See section 3

Exposure ways See section 3

Associated symptoms Not applicable

12 / INFORMATION ON ECOLOGICAL EFFECTS

Eco-toxicity Avoid discharge into drains. Dispose in accordance with laws.

13 / DISPOSAL CONSIDERATIONS

Treatment methods before discharge/disposal Do not discharge into drains. Dispose in accordance with laws.

Cleaning process, treatment, Disposal of contaminated packaging By an approved recuperator.

Further information Not applicable

14 / TRANSPORT INFORMATION

Class Not hazardous according to transport regulation.

15 / REGULATORY INFORMATION

EC obligatory labeling Not applicable

EC labeling None

Risk Phrases None

Safety Phrases S23: Do not breath particles.
S24: Avoid contact with skin.

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16/ OTHER INFORMATION

This product is used as a coatings removal blasting media.

ADVICE TO USERS

This sheet complements the technical instructions for use but does not replace them. The information given above is based on our actual knowledge regarding the product it is given in good faith. Moreover, we draw the attention of users to the possible risks incurred when a product is used for other uses than those for which it is designed. In no case does it exempt the user from knowing and applying the texts regulating his activity. He will take under his own responsibility the safety measures related to the use of the product. All regulatory instructions mentioned have only in view to help the consignee to comply with the obligations, which devolve upon him during the use of any product. This enumeration must not be considered as exhaustive. It does not exonerate the user from making sure that other obligations do not devolve upon him because of other texts than those mentioned and which regulate the possession and the use of the product for which he is the single responsible person.