

Solidstrip® Plastic Abrasives: ACRYLIC

MATERIAL SAFETY DATA SHEET

Section 1: Information

Supplier: Solidstrip Incorporated, Minocqua, Wisconsin
Telephone For Product Information: 715-356-7130

Product: Acrylic Plastic

Section 2: Ingredients

Inged.#CAS No.	Ingredient	Exposure Limit
None	Acrylic Polymer	ACGIH None OSHA None

Section 3: Physical Data

Evaporation Rate: Solid
Vapor Density: N/A
Solubility in Water: Insoluble
Percent Volatile: N/A
Approximate Boiling Range: N/A
Density: 1.19

Section 4: Fire and Explosion Data

Flash Point, ASTM D-1929: Estimated Flash Approx. 391 C
Extinguishing Media: Foam, Carbon Dioxide, Water, Dry Chemical
Unusual Fire & Explosion Hazards: None
Approximate Flammable Limits: N/A
Special Fire Fighting Procedures: Full protective equipment.

Section 5: Health Hazard Data

Symptoms/Effects of Overexposure and First Aid Ingestion: Ingestion of small quantities of this material under normal circumstances would not cause harmful effect.

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.

Skin or Eye Contact: Nuisance particles may cause irritation. In case of eye contact, flush immediately with large amounts of water. For skin, wash with soap and water. If irritation persists, consult a physician.

Section 6: Reactivity Data

Stability: Stable

Conditions to Avoid: Sources of ignition and temperatures above 570 F or 370 C.

Incompatibility: N/A

Hazardous Decomposition: Under fire conditions, hazardous decomposition products will include: CO, CO₂ and smoke. Temperatures above 370 C can cause methyl methacrylate monomer (MMA) to be released. See section 8.

Exposure Limits	Cas Number	Vapor Pressure
	OSHA & ACGIH	
MMA	100ppm 80-62-6	29mm (20 C)

Vapor may cause irritation to the eyes, nose and throat. May cause central nervous system effects such as dizziness, headache, nausea and loss of consciousness. Under some circumstances, mutagenic changes have been observed with MMA. The meaning and significance of these results is not understood. At 1000 ppm, MMA is weakly embryotoxic with rats.

Hazardous Polymerization: Will not occur.

Section 7: Spill or Leak Procedures

Steps to be Taken in Case of Spill: No special procedures required.

Waste Disposal Method: Sanitary landfill; in accordance with Federal, State and Local Regulations.

Section 8: Special Protections Information

Respiratory: Do not breath dust. Wear a properly fitted dust respirator approved by NIOSH/MSHA during application, unless air monitoring shows dust levels below 10mg/m³.

Ventilation: Provide sufficient ventilation in volume and pattern to keep airborne levels of methyl methacrylate below 100ppm and dust levels below 10mg/m³.

Protective Gloves: Leather gloves are recommended.

Eye Protection: Safety glasses with side shields.

Section 9: Special Precautions

Handling and Storing: N/A

Other: N/A

Transportation: Not Regulated.

Solidstrip® Plastic Abrasives: MELAMINE

MATERIAL SAFETY DATA SHEET

Section 1: Information

Supplier: Solidstrip Incorporated, Minocqua, Wisconsin
Telephone For Product Information: 715-356-7130

Product: Melamine Plastic

Section 2: Ingredients

Ingred.#CAS No.	Ingredient	Exposure Limit
None	Melamine Formaldehyde Cellulosate	ACGIH None OSHA None

Section 3: Physical Data

Evaporation Rate: Solid
Vapor Density: N/A
Solubility in Water: Insoluble
Percent Volatile: N/A
Approximate Boiling Range: N/A
Density: 1.51

Section 4: Fire and Explosion Data

Flash Point, ASTM D-1929: Estimated Flash Approx. 391 °C
Extinguishing Media: Foam, Carbon Dioxide, Water, Dry Chemical
Unusual Fire & Explosion Hazards: None
Approximate Flammable Limits: N/A
Special Fire Fighting Procedures: Full protective equipment.

Section 5: Health Hazard Data

Symptoms/Effects of Overexposure and First Aid Ingestion: Ingestion of small quantities of this material under normal circumstances would not cause harmful effect.

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.

Skin or Eye Contact: Nuisance particles may cause irritation. In case of eye contact, flush immediately with large amounts of water. For skin, wash with soap and water. If irritation persists, consult a physician.

Section 6: Reactivity Data

Stability: Stable
Conditions to Avoid: Sources of ignition and temperatures above 570 F or 370 C.
Incompatibility: N/A
Hazardous Decomposition: Under fire conditions, hazardous decomposition products will include: CO, CO₂ and smoke.
Hazardous Polymerization: Will not occur.

Section 7: Spill or Leak Procedures

Steps to be Taken in Case of Spill: No special procedures required.
Waste Disposal Method: Sanitary landfill; in accordance with Federal, State and Local Regulations.

Section 8: Special Protections Information

Respiratory: Do not breathe dust. Wear a properly fitted dust respirator approved by NIOSH/MSHA during application, unless air monitoring shows dust levels below 10mg/m³.
Ventilation: Keep airborne levels of nuisance dust to a minimum.
Protective Gloves: Leather gloves are recommended.
Eye Protection: Safety glasses with side shields.

Section 9: Special Precautions

Handling and Storing: N/A
Other: N/A
Transportation: Not Regulated.

Solidstrip® Plastic Abrasives: UREA

MATERIAL SAFETY DATA SHEET

Section 1: Information

Supplier: Solidstrip Incorporated, Minocqua, Wisconsin
Telephone For Product Information: 715-356-7130

Product: Urea Plastic

Section 2: Ingredients

Ingred.#CAS No.	Ingredient	Exposure Limit
None	Urea Formaldehyde	ACGIH None OSHA None

Section 3: Physical Data

Evaporation Rate: Solid
Vapor Density: N/A
Solubility in Water: Insoluble
Percent Volatile: N/A
Approximate Boiling Range: N/A
Density: 1.5

Section 4: Fire and Explosion Data

Flash Point, ASTM D-1929: Estimated Flash Approx. 530 °C
Extinguishing Media: Foam, Carbon Dioxide, Water, Dry Chemical
Unusual Fire & Explosion Hazards: None
Approximate Flammable Limits: N/A
Special Fire Fighting Procedures: Full protective equipment.

Section 5: Health Hazard Data

Symptoms/Effects of Overexposure and First Aid Ingestion: Ingestion of small quantities of this material under normal circumstances would not cause harmful effect.

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.

Skin or Eye Contact: Nuisance particles may cause irritation. In case of eye contact, flush immediately with large amounts of water. For skin, wash with soap and water. If irritation persists, consult a physician.

Section 6: Reactivity Data

Stability: Stable
Conditions to Avoid: Sources of ignition and temperatures above 570 F or 370 C.
Incompatibility: N/A
Hazardous Decomposition: N/A
Hazardous Polymerization: Will not occur.

Section 7: Spill or Leak Procedures

Steps to be Taken in Case of Spill: No special procedures required.
Waste Disposal Method: Sanitary landfill; in accordance with Federal, State and Local Regulations.

Section 8: Special Protections Information

Respiratory: Do not breathe dust. Wear a properly fitted dust respirator approved by NIOSH/MSHA during application, unless air monitoring shows dust levels below 10mg/m³.
Ventilation: Keep airborne levels of nuisance dust to a minimum.
Protective Gloves: Leather gloves are recommended.
Eye Protection: Safety glasses with side shields.

Section 9: Special Precautions

Handling and Storing: N/A
Other: N/A
Transportation: Not Regulated.