

P50453

Product Name: A-12B HARDENER

MSDS No.: 21-000500

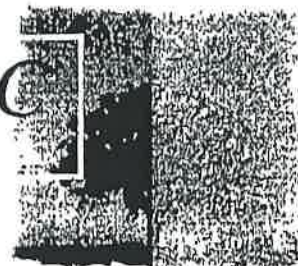
Date Revised: 02/13/2004

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RESIN TECHNOLOGY GROUP, LLC

M A T H R I A L S A F E T Y D A T A S H E E T



1. MATERIAL IDENTIFICATION

Product Name:

A-12B HARDENER

EMERGENCY PHONE: For product emergency involving spill, leak, fire, exposure, or accident call CHEMTREC at (800) 424-9300. For all other inquiries please call Resin Technology Group, LLC. at (508) 230-8070.

2. COMPOSITION

COMPONENTS	CAS NO.	PERCENT	Exposure Limits	
			ACGIH TLV-TWA	OSHA PEL
Polyamide Resin	68410-23-1	60 - 80	N.E.	N.E.
Alumina / Aluminum Oxide	1344-28-1	30 - 40	10 mg/m ³ (TP)	10 mg/m ³ (TP)
Titanium Dioxide	13463-67-7	1 - 5	10 mg/m ³ (TP)	5, 10 mg/m ³ (RF, TP)

Abbreviations: N.E.: Not Established; RF: Respirable Fraction; TP: Total Particulate

3. HEALTH HAZARDS IDENTIFICATION

Routes of Exposure:

Eyes: Yes

Skin: Yes

Inhalation: No

Eye Contact: Contact causes irritation on prolonged or repeated exposure.

Skin Contact: Contact can cause irritation on prolonged or repeated exposure.

Inhalation: May cause irritation to the upper respiratory tract. Avoid prolonged or repeated inhalation.

Ingestion: Do not take internally, swallowing may cause burns to the mouth, throat, and digestive tract. Swallowing can cause gastrointestinal irritation or ulceration.

4. FIRST AID MEASURES

Eyes: Immediately flush eyes with plenty of water for at least 15 minutes. Get immediate medical attention.

Skin: Immediately wash with soap and plenty of water for at least 15 minutes. Remove contaminated clothing and shoes. Launder clothes separately before reusing. Obtain immediate medical attention.

Inhalation: If vapor is inhaled, remove to fresh air. Administer oxygen if there is difficulty breathing. Under normal conditions, no adverse effects are expected.

Ingestion: If swallowed, do not induce vomiting. Seek immediate medical attention: call a poison control center, emergency room, or physician. Rinse mouth with water and give 2 cups of water to drink. Do not give carbonated drinks.

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10. STABILITY and REACTIVITY

Chemical Stability:	Stable under normal conditions and use.
Incompatibility:	Oxidizing Agents
Conditions to Avoid:	Avoid contact with the above incompatible chemicals.
Hazardous Decomposition Products:	May produce hazardous fumes in fire.
Hazardous Polymerization:	Will not occur

11. TOXICOLOGICAL INFORMATION

This section provides toxicological information with regard to the pure form of the components indicated. This information can be subject to misinterpretation. It is therefore suggested that persons trained in its evaluation interpret this information.

Alumina:

Can cause mechanical irritation to the eyes and skin. Treat as a nuisance dust. High concentrations inhaled chronically can lead to the deposition of particulates in the lungs (pneumoconiosis). Alumina may contain, as an impurity, trace amounts of asbestos and crystalline silica.

Polyamide Resin:

Inhalation of vapors or mists can result in irritation of the respiratory tract. Contact can cause eye and skin irritation or burns. Possible skin and respiratory sensitizer. Ingestion may cause severe burns of the mouth and throat and irritation of the gastrointestinal tract.

Titanium Dioxide:

Can cause eye irritation. Prolonged inhalation can lead to the development of pneumoconiosis.

Note: Due to this product's physical composition, the release or generation of dust is not expected to occur under normal conditions of use.

12. ECOLOGICAL INFORMATION

No data found.

13. DISPOSAL CONSIDERATIONS

Disposal must be made in accordance with applicable governmental regulations.