

310

BASF Corporation

0244835-006  
P-27-04 **BASF**

HELPING MAKE PRODUCTS BETTER™

**Safety data sheet**  
**ULTRAMID 8202CHSBK102**Revision date : 2004/01/02  
Version: 1.0Page: 1/5  
(30216403/MDS GEN US/EN)**1. Substance/preparation and company identification**Company  
BASF Corporation  
3000 Continental Drive - North  
Mount Olive, NJ 07828-123424 Hour Emergency Response Information  
CHEMTREC: (800) 424-9300  
BASF HOTLINE: (800) 832-HELPChemical family: polyamide  
Synonyms: POLYAMIDE RESIN**2. Composition/Information on ingredients**

<u>CAS Number</u>	<u>Content (W/W)</u>	<u>Chemical name</u>
1333-86-4	>= 0.1 - <= 2.0 %	carbon black
7758-02-3	>= 0.1 - <= 1.0 %	Potassium bromide (KBr)
105-60-2	< 1.0 %	caprolactam
25038-54-4	> 97.0 - <= 0.0 %	polyamide (PA 6) Particles, not otherwise specified, respirable

**3. Hazard identification**Emergency overviewCAUTION: MAY CAUSE EYE, SKIN AND RESPIRATORY TRACT IRRITATION.  
INGESTION MAY CAUSE GASTRIC DISTURBANCES.

Use with local exhaust ventilation.

Wear a NIOSH-certified (or equivalent) particulate respirator.

Wear protective clothing.

Eye wash fountains and safety showers must be easily accessible.

Potential health effectsPrimary routes of exposure

Routes of entry for solids and liquids include eye and skin contact, ingestion and inhalation. Routes of entry for gases include inhalation and eye contact. Skin contact may be a route of entry for liquified gases.

Acute toxicity:

Contact with molten product may cause thermal burns. The resin in pelleted form poses a low hazard.

Information on: Caprolactam*No adverse effects have been reported in the processing and use of polycaprolactam.**Caprolactam monomer may be released during processing.*Irritation:

Corrosive to the skin, eyes and respiratory system. Irritation is possible when the product comes in contact with the skin, respiratory tract or the eyes.

Repeated dose toxicity:

No adverse effects have been reported in the processing and use of the product. No known chronic effects.

HYDE SCRAPER  
HAMMER HEAD

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## Safety data sheet

### ULTRAMID 8202CHSBK102

Revision date : 2004/01/02  
Version: 1.0Page: 2/5  
(30216403/MDS GEN US/EN)**Information on: Carbon black**

*Prolonged inhalation exposures may produce cough, phlegm, tiredness, chest pain and headache. Dermal, inhalation or mucosal exposures may cause irritation. Chronic exposures to carbon black have been known to produce pneumoconiosis (chronic inflammatory and fibrotic lung disease) in workers. IARC has classified carbon black in Group 2B (sufficient evidence of carcinogenicity in animals).*

**Information on: Caprolactam**

*Animal studies indicate that caprolactam may affect the liver and kidneys.*

**Medical conditions aggravated by overexposure:**

Data available do not indicate that there are medical conditions that are generally recognized as being aggravated by exposure to this substance/product.  
See Section 11 - Toxicological information.

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#### 4. First-aid measures

**General advice:**

Remove contaminated clothing.

**If inhaled:**

Remove the affected individual into fresh air and keep the person calm. Assist in breathing if necessary. Immediate medical attention required.

**If on skin:**

Wash affected areas thoroughly with soap and water. If irritation develops, seek medical attention.

**If in eyes:**

In case of contact with the eyes, rinse immediately for at least 15 minutes with plenty of water. If irritation develops, seek medical attention.

**If swallowed:**

Ingestion is not likely in the available physical form. If ingested, seek medical attention.

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#### 5. Fire-fighting measures

Flash point: > 400 °C (Unspecified)  
Autoignition: No data available.

**Suitable extinguishing media:**  
water, dry extinguishing media, carbon dioxide, foam

**Hazards during fire-fighting:**

No particular hazards known.

**Protective equipment for fire-fighting:**

Firefighters should be equipped with self-contained breathing apparatus and turn-out gear.

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#### 6. Accidental release measures

**Environmental precautions:**

This product is not regulated by RCRA. This product is not regulated by CERCLA ('Superfund').

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HELPING MAKE PRODUCTS BETTER™

## Safety data sheet

### ULTRAMID 8202CHSBK102

Revision date : 2004/01/02  
Version: 1.0

Page: 3/5  
(30216403/MDS GEN US/EN)

**Cleanup:**

Reclaim for processing if possible. Sweep/shovel up. Place into suitable containers for reuse or disposal in a licensed facility.

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## 7. Handling and storage

**Handling**

**Protection against fire and explosion:**  
No explosion proofing necessary.

**Storage**

**General advice:**  
Keep container tightly closed. Avoid deposition of dust.

**Storage stability:**  
Protect against moisture.

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## 8. Exposure controls and personal protection

**Components with workplace control parameters**

carbon black	OSHA	PEL 3.5 mg/m <sup>3</sup> ;
	ACGIH	TWA value 3.5 mg/m <sup>3</sup> ;
caprolactam	ACGIH	TWA value 5 mg/m <sup>3</sup> Vapor and aerosol, inhalable fraction ;
Particles, not otherwise specified, respirable	OSHA	PEL 5 mg/m <sup>3</sup> Respirable fraction ; Respirable fraction ;
	ACGIH	TWA value 3 mg/m <sup>3</sup> ;

**Advice on system design:**  
Provide local exhaust ventilation to control dusts/vapours.

**Personal protective equipment****Respiratory protection:**

Wear a NIOSH-certified (or equivalent) particulate respirator. Wear respiratory protection if ventilation is inadequate. Do not exceed the maximum use concentration for the respirator facepiece/cartridge combination. Wear a NIOSH-certified (or equivalent) organic vapour/particulate respirator.

**Hand protection:**

Wear gloves to prevent contact during mechanical processing and/or hot melt conditions.

**Eye protection:**

Tightly fitting safety goggles (chemical goggles).

**General safety and hygiene measures:**

Wear protective clothing to prevent contact during mechanical processing and/or hot melt conditions. Avoid inhalation of dust. Wash soiled clothing immediately.

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## 9. Physical and chemical properties

Form: pellets  
Odour: odourless  
Colour: black

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**Safety data sheet**  
**ULTRAMID 8202CHSBK102**Revision date : 2004/01/02  
Version: 1.0Page: 4/5  
(30216403/MDS GEN US/EN)

pH value:		No data available.
Relative density:	1.05 - 1.25	

**10. Stability and reactivity**

**Conditions to avoid:**  
Avoid prolonged exposure to extreme heat.

**Substances to avoid:**  
strong oxidizing agents, acids, bases

**Hazardous reactions:**  
The product is chemically stable.

**Decomposition products:**  
Possible thermal decomposition products:  
hydrogen cyanide, carbon monoxide, ammonia

**Thermal decomposition:**  
> 300 °C  
May decompose if overheated and/or subjected to prolonged heating.

**Corrosion to metals:**  
No corrosive effect on metal.

**11. Toxicological information****12. Ecological information****13. Disposal considerations**

**Waste disposal of substance:**  
Incinerate in a licensed facility.  
Do not discharge substance/product into sewer system.

**Contaminated packaging:**  
Dispose of in accordance with national, state and local regulations.

**14. Transport information**

Reference Bill of Lading

**15. Regulatory information****Federal Regulations**

**Registration status:**  
TSCA, US released / listed

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HELPING MAKE PRODUCTS BETTER™

**Safety data sheet**  
**ULTRAMID 8202CHSBK102**Revision date : 2004/01/02  
Version: 1.0Page: 5/5  
(30216403/MDS GEN US/EN)State regulations

## State RTK

CAS Number1333-86-4  
105-60-2Chemical namecarbon black  
caprolactamState RTKMA, NJ, PA  
MA, NJ, PA**16. Other information****HMIS III rating**

Health: 0      Flammability: 1      Physical hazard: 0

HMIS uses a numbering scale ranging from 0 to 4 to indicate the degree of hazard. A value of zero means that the substance possesses essentially no hazard; a rating of four indicates high hazard.

**Local contact information**Tech Desk  
1-800-527-8324Tech Desk  
1-800-527-8324

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END OF DATA SHEET

*MSDS # 002-65*

**MATERIAL SAFETY DATA SHEET**

May be used to comply with OSHA's Hazard Communication Standard, 29 CFR 1910.1200. Standard must be consulted for specific requirements.

**IDENTITY** (As Used on Label and List)  
**EVOPRENE TS 7076 (55)**  
 All Grades and colors.

**NOTE:** Blank spaces are not permitted. If any item is not applicable, or no information is available, the space must be marked to indicate that.

**SECTION I**

<b>Manufacturer's Name:</b> AlphaGary (Canada) Limited	<b>Emergency Phone Number:</b> 905 662 5735
<b>Address (Number, Street, City, State &amp; Zip Code):</b> 5 Pinlands Ave., Stoney Creek,	<b>Telephone Number for Information:</b> 905 662 5735
Ontario, Canada L8E 3A4.	<b>Date Prepared:</b> January 14, 2009 (supercedes all previous issues)
<b>Signature of Preparer (Optional)</b>	

**SECTION II – Hazardous Ingredients/Identity Information**

Hazardous Composition (Specific Chemical Identity; Common Name(s))	OSHA PEL	ACGIH TLV	Other Limits Recommended	% Optional
No Hazardous Chemicals Present				

**SECTION III – Physical/Chemical Characteristics**

<b>Boiling Point</b> N/A	<b>Specific Gravity (H<sub>2</sub>O = 1)</b> 0.88 – 0.92
<b>Vapor Pressure (mm Hg.)</b> N/A	<b>Melting Point</b> N/A
<b>Vapor Density (AIR = 1)</b> N/A	<b>Evaporation Rate</b> (Butyl Acetate = 1) N/A
<b>Solubility in Water</b> N/A	
<b>Appearance and Odor</b> Cylindrical Pellets Approximately 1/8". Almost odourless.	

**SECTION IV - Fire and Explosion Hazard Data**

<b>Flash Point (Method Used)</b> Above 230 C	<b>Flammable Limits</b>	N/A	<b>LEL</b> N/A	<b>UEL</b>
<b>Extinguishing Media</b> Water spray, Water fog, foam, CO <sub>2</sub> , Dry chemicals				
<b>Special Fire Fighting Procedures</b> Wear self-contained breathing apparatus to prevent the inhalation of combustion gases				
<b>Unusual Fire and Explosion Hazards</b> Will burn fiercely with evolution of dense smoke and fumes including CO and hydrocarbons.				

**SECTION V – Reactivity Data**

Stability	Unstable [ ]	Conditions to Avoid
	Stable [X]	High temperatures above 230 C

**Incompatibility (Materials to Avoid)**

Not Applicable

**Hazardous Decomposition or Byproducts**CO, CO<sub>2</sub>, and small aromatic and aliphatic hydrocarbons

Hazardous Polymerization	May Occur [ ]	Conditions to Avoid
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Will Not Occur [X]	Not Applicable
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**SECTION VI – Health Hazard Data**

Route(s) of Entry:	Inhalation?	Skin?	Ingestion?
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None

**Health Hazards (Acute and Chronic)**

Not Established

Process Vapors may produce eye and throat irritation.

Carcinogenicity:	NTP?	IARC Monographs?	OSHA Regulated?
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None

**Signs and Symptoms of Exposure**

None known

**Medical Conditions Generally Aggravated by Exposure**

None Known

**Emergency and First Aid Procedures**

If irritation persists, remove affected individual from the area and call a physician.

**SECTION VII – Precautions for Safe Handling and Use****Steps to be Taken in Case Material is Released or Spilled**

Sweep, shovel, or vacuum into containers for re-use or disposal.

**Waste Disposal Method**

Sanitary landfill or incineration in accordance with Federal Regulations (40CFR 261)

**Precautions to be Taken in Handling and Storing**

Wear safety glasses. Rubber gloves should be worn when cleaning condensate from exhaust hoods, etc. Do not store near flame or heat

**Other Precautions**

Ventilate process vapors

**SECTION VIII – Control Measures****Respiratory Protection (Specify Type)**

Air pack necessary if material overheats and decomposes.

Ventilation	* Local Exhaust	Special
	<u>If needed to control vapors at elevated temp.</u>	N/A
	* Mechanical (General)	Other
	<u>To provide ventilation equal to outdoors</u>	N/A

**Protective Gloves**

Necessary to handle hot material

**Eye Protection**

Safety glasses

**Other Protective Clothing or Equipment**

Rubber gloves for cleaning condensate from exhaust hoods

**Work/Hygiene Practices**

Normal hygiene, housekeeping, and safety practices should be followed.

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**SECTION IX - - REGULATORY INFORMATION**

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The components of this product appear in the Toxic Substances Control Act (TSCA) Chemical Substances Inventory and are available for commercial use. All Components of this product are listed on the Canadian Domestic Substance List, (DSL).

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**SECTION 313 SUPPLIER NOTIFICATION**

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*This product contains the following toxic chemicals subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right to Know Act of 1986 and of 40 CFR 372.*

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CAS #	Chemical Name	Percent by Weight
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No Section 313 Listed Chemicals are present above their De Minimis concentrations.

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*This information must be included in all Material Safety Data Sheets that are copied and distributed for this material.*

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MSDS # 001-53

MATERIAL SAFETY DATA SHEET

PRODUCT NAME AND NUMBER

COMPANY NAME

12935 PEC Black

G & F Industries, Inc.

Section I Manufacturer name and address

APPROVED COLOR, LLC  
 PO Box 413, 101 Adams Hill Road  
 Greenville, NH 03048

Emergency Number: 603-878-1470  
 Information Number: 603-878-1470  
 Date prepared:

Section II Hazardous Ingredients/ Identity Information

Hazardous Components	Cas#	OSHA PEL	ACGIH TLV
Carbon Black	1333-86-4	3.5 mg/m3	3.5 mg/m3

Section III Physical/Chemical Characteristics

Boiling Point:	N/A	Specific Gravity:	N/A
Vapor Pressure:	N/A	Melting Point:	N/A
Vapor Density:	N/A	Evaporation Rate:	-0-
Solubility in Water	Insoluble		
Appearance and Odor:			

Section IV Fire and Explosion Hazard

Flashpoint: N/A Flammable Limits: N/A LEL ----- UEL-----  
 Extinguishing Media: Water with fog or mist nozzle;CO2; or dry chemical or foam.  
 Special Fire Procedure: Wear self-contained breathing apparatus and full protective equipment as needed for personal safety.  
 Unusual fire hazards: Improper handling may lead to dust cloud formation which may Be an explosion hazard.

The data on this sheet refers only to the specific material designated herein and is accurate to the best knowledge of Approved Color, LLC. It is furnished without warranty, expressed or implied. Approved Color, LLC assumed no legal responsibility for use or reliance upon this data.

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**Section V Reactivity Data**


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Chemical Stability:	Stable
Conditions to Avoid:	None
Incompatible Materials:	Contact with strong acids
Decomposition Products:	May emit irritating products
Hazardous Polymerization:	None
Polymerization to Avoid:	None

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**Section VI Health Hazard Data**


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Entry Routes:	Inhalation: Avoid breathing fumes from molten products
	Skin: N/A
	Ingestion: N/A

Health Hazards:	N/A
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Carcinogenicity:	NTP: ---	IARC Monographs: ---	OSHA Regulated: Yes
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First Aid: In case of contact, flush eyes immediately with water for at least 15 minutes. Wash skin with water and soap. If inhaled, remove to fresh air. If not breathing give artificial respiration, preferably mouth to mouth. If breathing is difficult, give oxygen. If swallowed, get medical attention immediately. In each case, medical attention is advised.

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**Section VII Precautions for Safe Use and Handling**


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Do not breathe dust. Use respiratory devices and personal protective equipment required by OSHA 29 CFR 1910. Wear an appropriate, properly fitted respirator (NIOSH/MSHA approved) during and after application unless air monitoring demonstrated vapor/mist levels are below acceptable limits. Follow respirator manufacturer's instructions for respirator use. Do not get in eyes, on skin, or on clothing. Wash thoroughly after handling.

Waste disposal method: Dispose of in accordance with Federal, State, and Local regulations.

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Storage: Store in a moderately cool, dry, well ventilated area. Avoid direct heat.

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**Section VIII Special Protection**


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Respiratory Protection: Regulations

Ventilation:	Normal Handling and Storing of Thermoplastics
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Special:	NIOSH Approved Respirator
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Mechanical Exhaust:	Adequate Ventilation Must Be Provided
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Local Exhaust:	Yes
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Protective Gloves:	Yes
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Eye Protection:	Yes
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Other :	Impervious Goggles
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M.SDS # 001-21

**Material Safety Data Sheet**

**U.S. Department of Labor**

Occupational Safety and Health Administration

(Non-Mandatory Form)

Form Approved

OMB No. 1218-0072

May be used to comply with  
OSHA's Hazard Communication Standard,  
29 CFR 1910.1200. Standard must be  
consulted for specific requirements

**5000 Series**

<b>IDENTITY (As Used on label and List)</b> POLYPROPYLENE RANDOM COPOLYMER	<i>Note: Blank spaces are not permitted. IF any Item is not applicable, or no information is available, the space must be marked to indicate that.</i>
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<b>Section I</b>	
CAS NO. 9003-07-0	
Manufacturer's Name PINNACLE POLYMERS	Emergency Telephone Number 985-535-2983
Address (Number, Street, City, State, and ZIP Code) P.O. Drawer E	Telephone Number for Information 985-535-1016
One Pinnacle Avenue	Date Prepared 1/1/2005
Garyville, LA 70051	Signature of Preparer (optional)

**Section II - Hazardous Ingredients/Identity Information**

Hazardous Components (Specific Chemical Identity: Common Name(s))	OSHA PEL	ACGIH TLV	Other Limits Recommended	% (optional)
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None

SARA Title III Information: This product contains no substances subject to the reporting or planning requirements of SARA Title III.

**Section III - Physical/Chemical Characteristics**

Boiling Point	NA	Specific Gravity (H <sub>2</sub> O = 1)	0.90 to 0.91
Vapor Pressure (mm Hg)	NA	Melting Point	°C 150-170
Vapor Density (AIR = 1)	NA	Evaporation Rate (Butyl Acetate - 1)	NA
Solubility in Water	Negligible		
Appearance and Odor	Translucent pellets having a slightly paraffinic odor.		

**Section IV - Fire and Explosion Hazard Data**

Flash Point (Method Used) Aut ignition Temperature, 570 °C	Flammable Limits	LEL	UEL
Extinguishing Media Water, dry chemical or CO <sub>2</sub> extinguisher.	Special Fire Fighting Procedures No special fire fighting procedures required.		

**Unusual Fire and Explosion Hazards**

No unusual fire or explosion hazards, slightly combustible

(Reproduce locally)

NA - Not applicable