

SAFETY DATA SHEET



Date issued : 09/28/2010
SDS number : 9040131
Date revised : 03/26/2026
Revision number : 12

Grilamid L 20 GHS Black 9920

1. Identification

Product code: 9040131 (L20GHSBK9920)
Product identifier: Grilamid L 20 GHS Black 9920
Product description: PA 12 (acc. to ISO 1874)
Chemical family: polyamide

Manufacturer / Supplier

EMS-CHEMIE (North America) Inc.
EMS GRIVORY America
2060 Corporate Way
PO Box 1717
Sumter, SC 29151-1717
Emergency Phone: (803) 481-9173
EMS-CHEMIE AG
Business Unit EMS-GRIVORY
Via Innovativa 1
Domat/Ems, CH-7013
Switzerland
Customer Service: +41(0)81-632-7888

Emergency telephone number (24 hour)

Poison Control Center (Medical) : (877) 800-5553
CHEMTREC (US Transportation) : (800) 424-9300

2. Hazard identification

Classification of the substance or mixture

This product is not classified according to the Globally Harmonized System (GHS).

Emergency overview

Physical appearance: Black 1/8 " cube-shaped granules

3. Composition/information on ingredients

Chemical name	% w/w	CAS No.
PA 12: No hazardous components present	proprietary	25038-74-8
carbon black	proprietary	1333-86-4
proprietary ingredients	proprietary	various

4. First-aid measures

Eye: Immediately flush eyes with plenty of water. Get medical attention, if irritation persists.

Skin: For hot product, immediately immerse in or flush the affected area with large amounts of cold water to dissipate heat. Cover with clean cotton sheeting or gauze and get prompt medical attention. No attempt should be made to remove material from skin or to remove contaminated clothing as the flesh can be easily torn.

Ingestion: Get immediate medical attention. Do not induce vomiting unless instructed to do so by poison center or physician.

Inhalation: If problems arise due to excessive fuming, remove subject to fresh air.

5. Fire-fighting measures

Suitable extinguishing media: Use alcohol foam, carbon dioxide, or water spray when fighting fires involving this material.

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Hazardous combustion products: Potential decomposition gases have not been fully determined. Complete thermal decomposition may generate very small amounts of CO, CO₂, and water vapor, plus trace amounts of HCN and oxides of nitrogen.

Other considerations: Avoid temperatures above 315 ° C (599 ° F). Avoid exposure to strong oxidizing agents.

6. Accidental release measures

Small spill: Sweep up and deposit in dry waste container to avoid loose granules causing a fall hazard.

Comments: Waste disposal method is not critical. Treat as conventional solid waste in accordance with local, state, and federal regulations.

7. Handling and storage

Conditions for safe storage: Hygroscopic material - keep dry in closed container or sealed bags. Excessive moisture results in degradation during processing.

8. Exposure controls/personal protection

Exposure controls

Chemical name	Control parameters		
	Occupational exposure limit values		
	Type	ppm	mg/m ³
carbon black	OSHA PEL	TWA	3.5
	ACGIH TLV	TWA	3

Individual protection measures, such as personal protective equipment

Eye / face protection: Use appropriate eye protection during processing, in accordance with accepted industry safety precautions.

Skin protection - hand protection: Use appropriate protective gloves during processing to avoid thermal burns from molten material, hot molded, or extruded end-products.

Respiratory protection: Not necessary if room is well-ventilated.

Occupational hygiene practices: Provide exhaust over processing machinery in common with accepted practice.

9. Physical and chemical properties

Physical state: solid

Appearance: granules with geometry of ca. 1/8 in³

Color: black

Odor: odorless

Relative density: > 1

Notes: (Water = 1.00)

Decomposition temperature: > 350°C

10. Stability and reactivity

Reactivity: Yes

Dangerous polymerization: No

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Chemical stability: Stable

Conditions to avoid: Oxidizing materials.

11. Toxicological information

Carcinogenicity

Chemical name	IARC
carbon black	2B

General comments: See Section 15

Comments: When used and handled according to specifications, the product has no harmful effects to our experience and the information provided to us.

12. Ecological information

Comments: Not known to be hazardous to water.

13. Disposal considerations

Disposal methods: Contact waste processors for recycling information. Can be reused after reprocessing. Dispose of large quantities can after consulting with the waste disposal facility operator and the pertinent authorities and adhering to the necessary technical regulations. Dispose of smaller quantities with household waste.

14. Transport information

USA Department of Transport Regulations (DOT)

Environmental hazards - marine pollutant: Not a marine pollutant.

DOT other shipping information: Not dangerous according to the above specifications.

15. Regulatory information

UNITED STATES

TSCA (The Toxic Substances Control Act)

Chemical name	CAS No.
PA 12: No hazardous components present	25038-74-8
carbon black	1333-86-4
proprietary ingredients	various

TSCA Status: This product and its ingredients are either TSCA ACTIVE or exempt from TSCA Inventory requirements.

California Proposition 65: As supplied in this product, carbon black is not in the form of "airborne unbound particles of respirable size" as described in the California Proposition 65 list.

Chemical name	% w/w	Listed
carbon black	proprietary	• Cancer

General comments: .

16. Other information

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Approved by: Uwe Michel **Title:** Head of Application Development

Prepared by: Andrea Gatzke **Date revised:** 03/26/2026

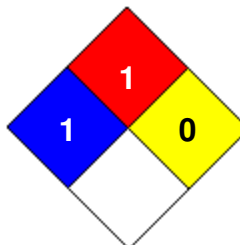
Information contact:

Revision summary: This SDS replaces the 08/13/2025 SDS.

HMIS rating

Health	1
Flammability	1
Physical hazard	0
Personal protection	B

NFPA codes



Manufacturer disclaimer: This Material Safety Data Sheet (SDS) is prepared in accordance with OSHA Hazard Communication Standard, 29 CFR 1910.1200. This SDS is presented in good faith, based on currently available information, and is accurate to the best of our knowledge. It does not replace the precautions, directions, and information contained on the product label. The user is solely responsible for: 1) following all instructions, recommendations, and directions; 2) deciding whether this product or the information about this product is suitable for its use; 3) providing this SDS and all other information about this product to any subsequent uses; 4) meeting all applicable health and safety standards and regulations; and 5) ensuring that no patent infringement occurs.

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