COLLECTIVE PRODUCT DATA SHEET AND SAFETY MANUAL
MINERAL GRANULAR SORBENTS (BAM24.PL)

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PART I: COLLECTIVE PRODUCT DATA SHEET

Symbol	Trade Name	Packaging	Grain Size	Primary Intended Use
ADR025	Sorbent SEPISORB Plus	5L Container	0.5 - 1.0 mm	Removal of oil, fuel, and acid spills (except HF)
ADR027	Sorbent PROFI-SORB Plus	20kg Bag	0.5 - 1.0 mm	Universal road and industrial sorbent, high absorption capacity
ADR029	Sorbent SEPISORB Standard	20kg Bag	0.5 - 1.0 mm	Basic cleanup of petroleum products on shop floors and roads
ADR054	Sorbent SEPISORB Plus	20L Jerrycan	0.5 - 1.0 mm	Mobile emergency response in vehicles and workshops in rigid container
ADR259	Sorbent PROFI-SORB SuperPlus	10kg Bag	0.3 - 0.7 mm	Fine grain, ultra-efficient, deep micro-fissure cleaning
ADR260	Sorbent PROFI-SORB Industrial	20kg Bag	0.3 - 0.7 mm	Engineered for heavy industry, rapid fluid absorption rate

1. Technical Specifications and Properties

• **Base Material:** Calcined hydrated magnesium silicate (Attapulgite / Diatomite) with a microporous structure.
• **Chemical Inertness:** Sorbents are entirely chemically inert. They do not react with absorbed liquids (hydrofluoric acid HF is the sole exception).
• **Physical Properties:** Natural, loose, non-flammable, odorless product. Resistant to wind dispersion during application due to optimized bulk density.
• **Certification:** Approved by the National Institute of Public Health (PZH) and complies with road sorbent standards for emergency crews.

PART II: GENERAL SAFETY MANUAL (OSH / ADR)

1. Hazards Identification

The mixture is not classified as hazardous according to Regulation (EC) No 1272/2008 (CLP). The product itself does not present chemical or fire hazards. The primary physical risk stems from mechanical dust generation during heavy application over large areas.

2. Personal Protective Equipment (PPE)

• **Respiratory Protection:** In case of high dust levels, use a filtering half-mask class P2 (compliant with EN 149).
• **Eye Protection:** Safety goggles or splash glasses (compliant with EN 166) if operating in windy conditions.
• **Hand and Body Protection:** General-purpose work gloves coated with nitrile or polyurethane to prevent skin dryness.

3. Spill Response Procedure (Application Guide)

1. Zone Securing: Isolate and secure the hazardous material spill area using standard ADR equipment.
2. Application: Pour the sorbent around the perimeter to form a barrier dike, then fully cover the spill patch with an adequate layer (e.g., using ADR027 or ADR054).
3. Absorption: Allow several minutes for complete saturation. A darkening of the granules indicates fluid capture. The sorbent lock prevents liquid release.
4. Collection: Mix the granules thoroughly with a non-sparking shovel, sweep up the saturated media, and place it inside a sealed ADR waste disposal bag.

4. Storage and Disposal

• **Storage:** Store in original, sealed packaging (bags, plastic containers) in a dry place. Shelf life is indefinite if kept away from moisture.
• **Disposal:** The pure product faces no disposal restrictions. Saturated sorbent must be disposed of in strict accordance with the waste code assigned to the absorbed hazardous chemical (e.g., oil-contaminated waste - code 15 02 02*). Disposal into municipal waste systems is strictly prohibited.