COMBINED PRODUCT SPECIFICATION SHEET & SAFETY MANUAL

ADR KITS (SERIES: ADR001 - ADR004)

Part I: Technical Specifications and Kit Contents

This combined specification sheet defines the technical parameters, intended use, and exact configuration of the standard portable suitcase ADR safety kits supplied by BAM Andrzej Borowicz (bam24.pl). These emergency kits are engineered to secure the driver and vehicle during the commercial transport of hazardous materials and dangerous goods in strict compliance with the international ADR treaty requirements.

Kit Code	Trade Name (BAM24.PL)	Key Equipment Components & Inventory Contents
ADR001	**Standard ADR Kit 1**	High-visibility warning vest, protective chemical goggles, heavy-duty nitrile gloves, sterile eye wash solution, emergency escape mask/half-mask respirator with multi-gas filter canister, ATEX non-sparking safety flashlight with batteries, protective chemical overalls, heavy-duty transport suitcase.
ADR001S	**Standard ADR Kit 1 + Sorbent**	Comprehensive configuration of the ADR001 safety kit, expanded with a premium 5L loose mineral universal sorbent container for rapid chemical spill absorption and emergency neutralization.
ADR002	**ADR EKO Kit**	An economical, streamlined safety configuration containing the baseline mandatory personal protective equipment: high-visibility vest, safety goggles, heavy-duty protective gloves, emergency eye wash flask, ATEX-safe flashlight, packed inside a compact transport bag/box.
ADR003	**Standard ADR Kit 2**	Heavy-duty modular suitcase configuration (Type 2 Case), equipped with a certified polypropylene liquid-tight coverall, nitrile-coated chemical gloves, premium UV-filter panoramic safety goggles, high-capacity sterile eye wash solution, non-sparking safety flashlight, and a Climax multi-gas heavy industrial respirator half-mask.
ADR003S	**Standard ADR Kit 2 + Sorbent**	Full professional configuration of the ADR003 kit (Type 2 modular case) bundled together with a 5L chemical-resistant universal sorbent jug designed to instantly absorb aggressive liquids, fuels, and chemical compounds.

ADR004	**Universal ADR Kit 4**	Premium universal all-inclusive emergency suite (CE-certified protective coverall, advanced nitrile protective gloves, wide-vision safety goggles, ZPO-1 emergency eye wash apparatus, high-visibility EN 471 safety vest, explosion-proof safety flashlight, Climax model 761 tactical industrial half-mask, and high-efficiency multi-gas/vapor filter cartridge). Purpose-built for the widest spectrum of dangerous cargo hazard classes.



Part II: General Occupational Safety and Health (OSH) Manual

1. Intended Use and Scope of Application

ADR safety kits constitute mandatory emergency response standby equipment for transport units conveying hazardous substances and regulated dangerous goods under Chapter 8.1.5 of the international ADR convention agreement. The component items contained in these suitcases (Personal Protective Equipment - PPE) are strictly designed to eliminate or drastically minimize life-threatening risks, severe skin exposures, respiratory injuries, or toxic chemical inhalations affecting the driver during accidental spills, uncontained gas venting, or sudden chemical fires.

2. Pre-Use Quality Inspection and Kit Maintenance

Prior to initiating any commercial transport route involving dangerous goods, the vehicle operator is legally required to verify the presence, cleanliness, and absolute structural integrity of all suitcase items. Drivers must carefully monitor the expiration dates printed on critical single-use safety items, specifically: sterile emergency eye wash bottles and the multi-gas filter canisters attached to the escape respirators. Expired medical or chemical filtering items lose their protective characteristics and must be replaced immediately. Rubber, latex, and polymer components (such as half-masks and panoramic goggles) must be stored inside the protective closed box, shielded from direct ultraviolet (UV) solar radiation and ambient temperature extremes.

3. Correct PPE Donning and Deployment Procedures

In the event of a transport incident, leak, or chemical contamination, the driver must immediately don the high-visibility warning vest before exiting the vehicle cabin. Subsequently, appropriate respiratory protection equipment (Climax industrial half-mask) and chemical-resistant overalls must be properly fitted. Protective nitrile gloves and safety goggles must seal tightly against the body without gaps. Before stepping into a hazardous zone, inspect all gloves and fabrics for fine cracks, abrasions, punctures, or signs of dry rot.

4. Operational Restrictions and Field Precautions

Emergency escape masks and multi-gas filter cartridges do not generate oxygen and will not protect the operator against oxygen-deficient environments. Do not enter confined tanks, unventilated cargo spaces, or closed areas where the atmospheric oxygen level drops below 17%. The safety flashlights provided within these specialized ADR kits are engineered with an explosion-proof, certified non-sparking design. It is strictly forbidden to open the flashlight casing, swap batteries, or perform any repairs inside an active explosive risk zone (designated EX zones).

5. Emergency Chemical Spill Response (Sorbent-Equipped Kits)

For operations deploying kits ADR001S and ADR003S, the included 5L container of high-grade universal loose mineral sorbent must be distributed directly over the liquid chemical spill. Operators must apply the sorbent starting from the outer perimeter boundaries of the puddle, working inward, to halt the dynamic spread of the liquid. Once the fluid is fully bound and absorbed into a solid matrix, the spent sorbent must be carefully swept up using non-sparking tools and transferred into a heavy-duty hazardous waste collection bag (frequently enclosed within the kit) and sealed airtight.

6. Safe Disposal of Contaminated Equipment and Waste Management

Used personal protective gear, saturated chemical overalls, and spent absorbing sorbent that have interacted with dangerous chemical substances are classified under environmental law as hazardous industrial waste. All such materials must be turned over exclusively to certified chemical waste collection and industrial recycling facilities in strict accordance with national statutory regulations. It is strictly prohibited to discard contaminated PPE or used chemical sorbents into standard municipal waste bins or domestic landfill systems.