

Appendix to the Delivery Conditions of Instruction Sheets 1, 2, 3, 5

Materials, which are excluded from Bunker, Shredder oder Paste (Exclusion List)

Sava cannot accept the following material/material groups as loose material for the bunker or in drums for the shredder. Many of these chemicals however may be accepted in packed form for the **elevator** (delivery conditions as stated in **Instruction Sheet No. 4** and Appendix to Instr. Sheet 4). The right-hand column contains the advice for the materials in question. With the aid of the SAVA packing regulation (Appendix to Instruction Sheet 4) you will find a possibility to dispose of your waste at SAVA in most cases. If there are questions, please enquire us.

Material group	Examples	Risk potential	Delivery form accepted by REMONDIS SAVA
Acids in small cans (200114*)	Sulfuric acid, nitric acid, hydrochloric acid, acetic acid, phosphoric acid	Corrosion, fire	as per Instr. Sheet 4
Alkaline chemicals in small units (200115*)	Caustic soda, potassium hydroxide	Corrosion, fire	as per Instr. Sheet 4
Household cleaners (200129*, 200130)	Ammonia, alkaline materials to clean waste water tubes	Corrosion, fire	as per Instr. Sheet 4
Pesticides (200119*)	Different pesticides from collection, phosphides	Poisoning, long-term damage	as per Instr. Sheet 4
oxidizers, fire promoting materials (1609)	160901* Permanganate, 160902* Chromate (Chrom VI-compounds), 160903* Peroxides (benzoylperoxide), 160904* oxidizing agents (n.os.s.), fire promoting chemicals (Nitrocellulose)	Fire and explosion	as per Instr. Sheet 4
Reactive waste	Hardeners, polyurethanes, isocyanates, Azobisisobutyronitrile, pure Styrene	Reaction in the bunker, polymerisation in the shredder (shredder stop)	as per Instr. Sheet 4
Chemical which react with water, acids or alkalines to form a gas	Cyanides (reaction with acids); ammonium salts (NH ₄ ⁺ , reaction with alkalines), carbides, nitrides, phosphides ("reaction with water")	Poisoning (PH ₃), fire and explosion	as per Instr. Sheet 4

Material group	Examples	Risk potential	Delivery form accepted by SAVA
Highly flammable materials	Liquid materials, which have an extremely low flammable point (< 0°C) and a low boiling point (< 35°C) and materials, which form their gases an explosive mixture with air at normal temperatures (e.g. diethyl ether)	Fire and explosion	As per Instr. Sheet 4
Organic solvents (200113*)	Solvents from collection (households, industry)	Fire and explosion	As per Instr. Sheet 4
Chemicals (160507*, 160508*, 180106*, 180205*)	Chemicals, waste from human medicine and - animal health and their research - if they are toxic, carcinogenic, reactive, smelling or dusty	Different risks, long-term damage	As per Instr. Sheet 4
Laboratory Chemicals (160506*)	Laboratory chemicals	different risks, long-term damage	As per Instr. Sheet 4
Alkali and earth alkali metals	Elemental sodium, potassium, calcium	Fire, bunker fires cannot be extinguished with water	As per Instr. Sheet 4
Alkali batteries (160604*)	Lithium cells	Ignition due to electrical charge	As per Instr. Sheet 4
Mercury salts; elemental mercury		Emission limit violation, poisoning -	Only accepted upon request, Please pack separately
Elemental metals	Aluminium, magnesium, fine ferrous and non-ferrous grinding powder	Fire and explosion, serious damage to external brickwork	As per Instr. Sheet 4
Infectious waste (180103*, 180104, 180202*)	Hospital waste, waste from surgeries	Infection	As per Instr. Sheet 4
Zytotoxic and zyto-static medicines (180108*, 180207*)	Hospital waste waste from surgeries	Poisoning, long-term damage	As per Instr. Sheet 4
Chemicals, which are toxic or carcinogenic when inhaled or make contact with the skin	toxic and very toxic chemicals that are toxic or carcinogenic when inhaled or upon contact with the skin (e.g. formaldehyde, paraformaldehyde, metal carbonyles, tetrachloromethane, chloroform, arsenic trioxide, PCB-containing oils, benzene, nitrosamines), pesticides (e.g. Falisan, Erbitox, Parathione), irritants (e.g. Bromotoluene)	Poisoning, long-term damage	As per Instr. Sheet 4
Materials with a very strong smell	e.g. sulphides, mercaptanes, tetrahydrothiophene	Strong offensive smell	As per Instr. Sheet 4

Material group	Examples	Risk potential	Delivery form accepted by SAVA
Dust	e.g. soot, paint pigments, paint dust	Poisoning, long-term damage	As per Instr. Sheet 4
Waste containing PCB's, PCB content > 50 ppm	e.g. painting material containing PCB	Dioxin formation in fires	As per Instr. Sheet 4
Capacitors, free of PCB	Must be packed in 200l drums for the crusher	The electric charge might cause sparks as an ignition source	As per Instr. Sheet 3 (drums)
Lighters (cigarette-, pocket-lighters)	Lighters must be collected separately and packed for the drum lift	Formation of gas-air mixtures, which can explode	As per Instr. Sheet 4 possible
Irritant gas cartridges (tear gas), smoke bombs		Poisoning	Only accepted upon request, please pack separately
Chemical and biological warfare agents	Phosgene gas, Sarin, Lost	Extremely poisoning, infection	Not accepted
self-igniting materials	Materials that can be classified under Class 4.2, I, ADR (aluminium alkyls)	Fire, explosion	Not accepted
white Phosphorus	Must be kept and delivered under water	Self ignition with oxygen	Accepted up to 250g per drum
Bottled gases	Fire extinguishers, CO ₂ cartridges, camping gas cartridges	Explosion in bunker and revolving cylindrical furnace	Not accepted
Explosive materials	Materials that can be classified under ADR Class 1 (ammonium nitrate, lead azide, sulphur nitrides, airbag fuses and explosives, picric acid)	Explosion, fire	Not accepted
Radioactive materials	Uranyl acetate, Cobalt 60, fire alarms (ionisation detectors)	Release into, and pollution of the environment	Not accepted
Asbestos, Carbonfibre	Asbestos from roof plates, Carbonfibre parts	Release of fine, carcinogenic fibres	Not accepted

For further information please contact:

REMONDIS SAVA GmbH // Ostertweute 1 // 25541 Brunsbüttel // Germany // T +49 4852 8308-0
F +49 4852 8308-12 // info.sava@remondis.de // remondis-sava.com