How microplastics are generated

MEDICAL APPLICATIONS

CONSUMER PRODUCTS

INDOOR PARTICULATE EMISSIONS

FRAGMENTING BY PHYSICAL AND CHEMICAL WEATHERING

PROCESSING INDUSTRY

ABRASIVE MEDIA USED IN INDUSTRY

HANDLING DURING MANUFACTURING OR MAINTENANCE

ABRASIVE MEDIA USED AT SEA OR COASTAL ZONE

COATING OR MAINTENANCE OF PLASTIC PAINTED SURFACES AT SHIPYARDS OR AT SEA

FRAGMENTING BY PHYSICAL AND CHEMICAL WEATHERING

AGRICULTURE

TRANSPORTATION

URBAN AND TRANSPORT INFRASTRUCTURE

REMOBILIZATION OF PLASTIC POLLUTED SEDIMENTS OR SOILS

INTENTIONAL SHREDDING AND FRAGMENTING PLASTIC

BIOLOGICAL FRAGMENTATION
of plastic debris at sea

MARITTIME SECTOR

Primary source
(Human activities)

Secondary source
(Natural processes)