

Stainless Steel Scrap (Sintered Cake)

See photos below of an incident at the port of Montreal involving a product described as “stainless steel scrap (sintered cake)”

This material is normally not regulated as dangerous goods. However, under certain conditions it may be subject to an exothermic reaction, i.e. self-heating, resulting in the evolution of extreme heat, fire and/or smoldering.

Please advise your staff to be alert for any shipments described as “stainless steel scrap (sintered cake)”.



We can see traces of heat from the outside of the container

The floor is partly consumed by the pyrolysis of the wood demonstrating how hot is the cargo. We actually can see the agglomerated chunks of cargo above the frames





Temperature of 516°C on a hot spot on the outside of the container





Glowing ambers of Stainless steel scrap inside the container



Readings February 3rd 2011 13h15,
temperature 342°C

