

Transport of Dangerous Goods – Safety Marks





ENVIRONMENTAL HEALTH AND SAFETY





CLACC 7 Dedice etime Masterial	
CLASS / - Kadioactive Materials	
Substances defined as Class 7, Radioactive Materials in the Packaging and Transport of Nuclear Substances Regulations. Commonly used in nuclear fuel rods (example: radioactive material - LSA (yellow cake)).	RAD IDACTIVE 7
There are three categories which indicate the surface radiation level for a package with Category I being the lowest level and Category III the highest (labels only).	RADIOACTIVE I
Special label for fissile materials category.	FISSILE CRITICALITY SAFETY INDEX 7
CLASS 8 – Corrosives	
A substance that causes destruction of skin or corrodes steel or non-clad aluminum. Commonly used in batteries and industrial cleaners (example: sulphuric acid and sodium hydroxide).	8
CLASS Q Missellanoous Products Substances or Organisms	∨
A substance that does not meet the criteria for inclusion in Classes 1 to 8. This includes genetically modified micro- organisms, marine pollutants, elevated temperature materials and environmentally hazardous substances. Used in dry cell batteries (example: ammonium chloride), polychlorinated biphenyls (PCB), asbestos brown, laboratory samples (not	
tested yet) or dry ice.	
There will also be a new Class 9 label specifically for lithium batteries. These new labels for all lithium battery shipments will be effective as of January 1, 2019 but early adopters are free to use them voluntarily as of January 1, 2017	
Danger Placard	
When more than 1 primary class placards are required on the	
same transport unit (mixed loads).	
Cannot replace other placards when:	DANGER
EKAP required Description of LIN purchase	
 Placarus requiring a UN number Class 1 (explosives) 	
 Class 1 (explosives) Class 7 (radioactive substances) 	▼



Marine Pollutant	
A substance that is not a mixture or solution is a marine	
pollutant if there is "P" or "PP" or ● in column 10 of Schedule	\wedge
1 opposite the shipping name of the substance or the	
substance is listed by name in column 1 of Appendix 1. For	$\langle \Psi_{-} \rangle$
maritime transport only.	
Examples:	
• Parathion (PP) (severe marine pollutant)	
Chlorine (P) (marine pollutant)	•
• Liquefied petroleum gases (●) (possible pollutant)	
Limited Quantities (section 1.17)	
• Inner packages are less than limit set in column 6 of	
Schedule 1 (Lorkg)	
Gross weight less than 30 kg (overall does not exceed)	
500 kg gross mass or else shinning document required)	
• No class 1 substances (explosives) allowed in this	
• No class I substances (explosives) anowed in this	
exemption	
Packages must be marked with the words "Limited Quantity"	
or "ITD OTV" or "Consumer Commodity" or have UN label	
shown below on it (until Dec. 2020)	
310WI below of it (until Dec. 2020).	$\langle \rangle \langle \mathbf{Y} \rangle$
Transport Canada also accepts the TDG Regulations to allow	
the use of the new international limited quantity marks (the	
one with the Y is for air shipments).	• •
Excepted Quantities (section 1.17.1)	·/····
Small quantities of hazardous materials, typically samples,	
that may be shipped as an exemption to the TDG regulations	
and just be marked with an Excepted Quantities safety mark	
Not all dangerous goods are permitted to be shipped under	
this limitation.	· · · · · · · · · · · · · · · · · · ·
Flevated Temperature Sign	
Must be displayed for dangerous goods that are in transport	
in a large means of containment and that are:	
UN3256 FLEVATED TEMPERATURE LIQUID_FLAMMABLE	
N O S. Class 3	
LIN3257 ELEVATED TEMPERATURE LIQUID N O S Class 9	
IN3258 ELEVATED TEMPERATURE SOLID NOS Class 9	
The elevated temperature sign must be displayed on each	
side and each end of the large means of containment next to	
each primary class placard for the dangerous goods or if	
there is a subsidiary class placard next to the subsidiary class	
nlacard	