



# **Exis Technologies Ltd**

CVL List - SMDG October 2016

# IMDG Coded Variant List



New possible 6.1 subrisk in SP204 for AMMUNITION, SMOKE with or without burster, expelling charge or propelling charge

UN 0015 0007|Toxic smoke producing.

UN 0016 0007|Toxic smoke producing.

UN 0303 0007|Toxic smoke producing.

Hence an updated description for those without a subrisk

UN 0015 0005 Not corrosive or toxic smoke producing.

UN 0016 0005 Not corrosive or toxic smoke producing.

UN 0303 0005 Not corrosive or toxic smoke producing.

New alternative PSNs

UN 3151 2300 HALOGENATED  
MONOMETHYLDIPHENYLMETHANES, LIQUID

UN 3152 2300 HALOGENATED  
MONOMETHYLDIPHENYLMETHANES, SOLID

# IMDG Coded Variant List



UN 3166 is now just for vehicles. Engines, unless empty of fuel and other dangerous goods, have become new UN Numbers 3528 if flammable liquid powered, 3529 if flammable gas powered, or 3530 if liquid powered and the fuel is a marine pollutant but not in any other hazard class. Machinery is an alternative description for engines. UN 3528 also has a change of stowage category for fuel flashpoint 23°C or above. As a result, these entries are no longer used

UN 3166 0301 ENGINE, INTERNAL COMBUSTION (liquid powered)

UN 3166 0302 ENGINE, INTERNAL COMBUSTION (gas powered)

UN 3166 0601 ENGINE, FUEL CELL, FLAMMABLE GAS POWERED

UN 3166 0702 ENGINE, FUEL CELL, FLAMMABLE LIQUID POWERED

# IMDG Coded Variant List



and these are new

UN 3528 0101 ENGINE, INTERNAL COMBUSTION, FLAMMABLE LIQUID POWERED (fuel flashpoint below 23°C)

UN 3528 0102 ENGINE, INTERNAL COMBUSTION, FLAMMABLE LIQUID POWERED (fuel flashpoint 23°C or above)

UN 3528 0201 ENGINE, FUEL CELL, FLAMMABLE LIQUID POWERED (fuel flashpoint below 23°C)

UN 3528 0202 ENGINE, FUEL CELL, FLAMMABLE LIQUID POWERED (fuel flashpoint 23°C or above)

UN 3528 0301 MACHINERY, INTERNAL COMBUSTION, FLAMMABLE LIQUID POWERED (fuel flashpoint below 23°C)

UN 3528 0302 MACHINERY, INTERNAL COMBUSTION, FLAMMABLE LIQUID POWERED (fuel flashpoint 23°C or above)

UN 3528 0401 MACHINERY, FUEL CELL, FLAMMABLE LIQUID POWERED (fuel flashpoint below 23°C)

UN 3528 0402 MACHINERY, FUEL CELL, FLAMMABLE LIQUID POWERED (fuel flashpoint 23°C or above)

UN 3529 0100 ENGINE, INTERNAL COMBUSTION, FLAMMABLE GAS POWERED

UN 3529 0200 ENGINE, FUEL CELL, FLAMMABLE GAS POWERED

UN 3529 0300 MACHINERY, INTERNAL COMBUSTION, FLAMMABLE GAS POWERED

UN 3529 0400 MACHINERY, FUEL CELL, FLAMMABLE GAS POWERED

UN 3530 0100 ENGINE, INTERNAL COMBUSTION

UN 3530 0200 MACHINERY, INTERNAL COMBUSTION

# IMDG Coded Variant List



UN 3269 POLYESTER RESIN KIT now specifies 'liquid base material'. There are new entries for

UN 3527 2000 POLYESTER RESIN KIT solid base material (packing group II)

UN 3527 3000 POLYESTER RESIN KIT solid base material (packing group III)

# IMDG Coded Variant List



## Next Steps

- IMDG Code published 1 November
- Exis will supply the new CVL for publication 1 November 2016
- Go to <http://hazcheck.existec.com/> for a free copies of the 38-16 changes document.

# Restrictions data



RESTRICTIONS

RESTRICTION SET

ADMINISTRATION

REPORTS

## Restriction Sets

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<input type="checkbox"/>	Name	Active	Visibility	Number of Restrictions
	<input type="text" value="Search name"/>	<input type="text" value="[Any]"/>		
	CMA CGM	No	Active: 0, inactive: 21	Public: 0, private: 0, partner: 21
	CMA Set	Yes	Active: 1, inactive: 0	Public: 0, private: 1, partner: 0
	HAPAG SEP 2014	Yes	Active: 27, inactive: 0	Public: 1, private: 23, partner: 3
	HKHKG	No	Active: 0, inactive: 9	Public: 0, private: 0, partner: 9
	Hyundai SEP 2014	Yes	Active: 111, inactive: 0	Public: 0, private: 0, partner: 111
	KLINE AUG 2014	Yes	Active: 130, inactive: 0	Public: 1, private: 128, partner: 1
	MOL SEP 2014	Yes	Active: 84, inactive: 0	Public: 0, private: 0, partner: 84
	NYK SEP 2014	Yes	Active: 75, inactive: 0	Public: 1, private: 73, partner: 1
	OOCL SEP 2014	Yes	Active: 93, inactive: 0	Public: 0, private: 0, partner: 93
	SINGAPORE	Yes	Active: 5, inactive: 0	Public: 5, private: 0, partner: 0
	TAIWAN	No	Active: 0, inactive: 1	Public: 0, private: 0, partner: 1
	USNYC	No	Active: 0, inactive: 2	Public: 0, private: 0, partner: 2

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# Port restrictions

Type of restriction	Transit	Transshipment	Discharge
<i>Prohibition</i>	Certain UN number(s) or class(s) may be prohibited	Certain UN number(s) or class(s) may be prohibited	Certain UN number(s) or class(s) may be prohibited
<i>Restriction</i>	Quantity limit for a specific class or UN number (example Singapore)	Quantity limit for a specific class or UN number or limit of stay for transshipment	Quantity limit for a specific class or UN number or direct delivery
<i>Additional requirements</i>	May require certificate of analysis or lab report for a specific cargo e.g. Ammonium Nitrate	May require certificate of analysis or lab report for a specific cargo	May require certificate of analysis or lab report for a specific cargo



# Operator/ Port restrictions



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## Restrictions



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Id	Set	Type	Is Active	Operator Code	Booking Op Code	Vessel Code	Location Code	Terminal Code	Inc Classes	Inc UN No	PG	Standard Co
	singapore*											
2075	Singapore Restrictions	Restricted	No				SGSIN		4.2	3497	I, II, III	447: Acceptable max weight onboard
2074	Singapore Restrictions	Restricted	No				SGSIN		3	3469	I, II	410: Acceptable. Max wgt 20 -26C. WEIGHT APPLY TO A ONBOARD
2073	Singapore Restrictions	Restricted	No				SGSIN		3	3469	I, II	399: Acceptable. Max wgt 50 -26C. WEIGHT APPLY TO A ONBOARD
2072	Singapore Restrictions	Restricted	No				SGSIN		5.1	3407	I, II, III	446: Max weight 750 mtons/ onboard
2071	Singapore Restrictions	Restricted	No				SGSIN		4.2	3400	I, II, III	428: limited to 240 mtons inc on board.
2070	Singapore Restrictions	Restricted	No				SGSIN		4.3	3399	I, II, III	417: Max wgt 600 ton/vsl inc in classes 1D/1S aboard.
2069	Singapore Restrictions	Restricted	No				SGSIN		4.3	3398	I, II, III	417: Max wgt 600 ton/vsl inc in classes 1D/1S aboard.
2068	Singapore Restrictions	Restricted	No				SGSIN		4.3	3397	I, II, III	417: Max wgt 600 ton/vsl inc in classes 1D/1S aboard.
2067	Singapore Restrictions	Restricted	No				SGSIN		4.3	3396	I, II, III	417: Max wgt 600 ton/vsl inc in classes 1D/1S aboard.



# VGM e-learning



## Verified Gross Mass (VGM) SOLAS 2016

### IMO/ILO/UNECE Code of Practice for Packing of Cargo Transport Units

#### New e-learning courses

- Introduction to the CTU Code including VGM overview
- Introduction to Freight Container VGM

[www.ctupack.com](http://www.ctupack.com)





# **Exis Technologies Ltd**

SMDG October 2016

# Exis Technologies



- Leading supplier of computerised systems for the management of dangerous goods
- Over 25 years experience of supporting major shipping lines, logistics companies, shippers, ports and terminals, government and regulatory organisations worldwide. Customers include 17 of the top 20 container lines and 20 of the top ferry/RORO companies,
- Supplies an integrated range of systems and tools under the Hazcheck brand providing automated packing and segregation checks
- IMDG Code e-learning courses to meet the mandatory IMDG Code training requirements
- Suppliers and developers of the CINSnet database and portal
- Suppliers of the CVL for SMDG

# Common Data and Tools

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Hazcheck Toolkits provides the building blocks for key Hazcheck functionality in DG and ship planning systems

## **Databases (to be used by your IT systems)**

- IMDG Code Dangerous Goods List
- 49CFR data
- ADR/RID data
- TDG (Canada)
- Packaging data
- Substance index
- Variant list for EDI Processes

## **Library of tools / Web services (for your IT systems)**

- Aggregate stowage requirements for mixed loads
- Mixed load validation
- Segregation between loads
- Packaging and restrictions
- Prohibitions and port restrictions