

Table 1. NSNs

Nomenclature	SPMIG	FSC	NIIN	Size	Length
Gloves, 4-mil Nitrile	17934	8415	014920176	S	
Gloves, 4-mil Nitrile	17934	8415	014920179	M	
Gloves, 4-mil Nitrile	17934	8415	014920178	L	
Gloves, 4-mil Nitrile	17934	8415	014920180	XL	
Gloves, 8-mil Nitrile	02826	8415	014478214	S	
Gloves, 8-mil Nitrile	02826	8415	014478213	M	
Gloves, 8-mil Nitrile	02826	8415	014478212	L	
Gloves, 8-mil Nitrile	02826	8415	014478217	XL	
Gloves, 13-mil Nitrile Gauntlet	02086	8415	011476263	7	13"
Gloves, 13-mil Nitrile Gauntlet	02086	8415	011479540	8	13"
Gloves, 13-mil Nitrile Gauntlet	02086	8415	010129294	9	13"
Gloves, 13-mil Nitrile Gauntlet	02086	8415	010137382	10	13"
Gloves, 13-mil Nitrile Gauntlet	02086	8415	010137384	11	13"
Gloves, Butyl (Synthetic) Rubber Gauntlet	02085	8415	007536551	S	14"
Gloves, Butyl (Synthetic) Rubber Gauntlet	02085	8415	007536552	M	14"
Gloves, Butyl (Synthetic) Rubber Gauntlet	02085	8415	007536553	L	14"
Gloves, 16-mil Neoprene	19971	8145	012254749	M	N/L
Gloves, 16-mil Neoprene	19971	8145	015268501	N/L	14"
Gloves, 16-mil Neoprene	19971	8145	015178978	8	26"
Gloves, 16-mil Neoprene	19971	8145	015178981	10	26"
Gloves, Natural or Synthetic Rubber	00525	8415	002668679	9	14"
Gloves, Natural or Synthetic Rubber	00525	8415	002668677	10	14"
Gloves, Natural or Synthetic Rubber	00525	8415	002668675	11	14"
Gloves, Natural or Synthetic Rubber	00525	8415	002668673	12	14"
Gloves, Natural or Synthetic Rubber	00525	8415	008237458	9	18"
Gloves, Natural or Synthetic Rubber	00525	8415	008237459	10	18"
Gloves, Natural or Synthetic Rubber	00525	8415	008237460	11	18"
Gloves, PVC-coated Natural Rubber	00517	8415	009162817	M	
Gloves, PVC-coated Natural Rubber	00517	8415	009162818	L	
Gloves, PVC-coated Natural Rubber	00517	8415	009352833	Univ	

Table 2. Use Conditions

HAZMAT Phase	Light Use - Little or no exposure expected	Heavy Use - Significant exposure expected
Gases, aerosols and volatile liquids	Emission to atmosphere, or hand or face contact not expected during normal operation, but may occur accidentally. Examples: Opening gas cylinder only after securing connections; spraying aerosol in well-ventilated fume hood.	Brief emission of significant amounts (e.g. at least one ounce of liquid or aerosol, or one quart of gas), or prolonged emission of any amount expected during normal operation. Examples: Spraying an aerosol or pouring a volatile solvent in a poorly-ventilated space.
Other Liquids	Hand and face contact not expected during normal operation, but may occur accidentally. Examples: Pouring, using an applicator syringe.	Hand contact of HAZMAT expected or required by normal operation, with significant probability of splatter to face and eyes. Example: Painting, cleaning parts with solvent, or wiping greasy parts.
Solid Powder	Hand and face contact not expected during normal operation, but may occur accidentally. Example, applying powder with spatula.	Hand or face contact expected or required during normal operation. Example, pouring significant amounts where dusting is expected.
Solid Granular or bulk	When the specific HAZMAT is relatively unreactive, and if water-soluble, is not extremely acidic or alkaline. Example: granular detergent.	When the specific HAZMAT is reactive, or extremely acidic or alkaline when mixed with water. Example: calcium hypochlorite.

Table 3. Acronym Glossary

Acronym	Full Text
HAZMAT	Hazardous Material
HCC	Hazard Characteristic Code
mil	One-thousandth of an inch (0.001 inch)
NSN	National Stock Number
PPE	Personal Protective Equipment
PVC	polyvinylchloride
SDS	Safety Data Sheet
SPMIG	Standard Planned Maintenance System Materials Identification Group
UN	United Nations

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"Use Conditions" table describes typical Light & Heavy Use for various HAZMAT types			HANDPROTECTION							
			GLOVEDESCRIPTION, SPMIG ("NSNs" table lists PPENSNs, size, etc.)							Additional Glove Guidance
HCCGroup	HAZMAT Type	HCC Color Group	4-mil Nitrile	8-mil Nitrile	13-mil Nitrile Gauntlet	Butyl Rubber Gauntlet	16-mil Neoprene	Natural or Synthetic Rubber	PVC-coated Natural Rubber	
			17934	02826	02086	02085	19971	00525	00517	
B1-B3	Alkali	Light Yellow	Light Use	Most Uses	Most Uses	Most Uses	Most Uses	Most Uses	Most Uses	17934 may be used for Heavy Use for solids or B3 or C3 liquids, or if SDS recommends less protection. Use 19771 if SD recommends neoprene. Gloves may be omitted when handling sterile alcohol pads, soaps, mild detergents and hand sanitizers.
C1,C3	Acid, Inorganic	Light Blue								
C2	Acid, Organic	Blue								
F1-F4, F8	Flammable Liquids and Solids	Red								
F5,F6	Flammable Liquids, Poison and/or Acidic	Pink								
F7	Flammable Liquids, Alkali	Orange								
N1	Not Regulated as Hazardous	Light Green								
T1,T4-T7	Toxics/Poisons	Black								
V2-V7	Aerosols and/or Petroleum Products	Green								
P2	Peroxides	(none)								
R1,R2	Reactives	(none)								
D1,D2	Oxidizers, including Poisonous	Light Gray	Light Use	Most Uses	Most Uses	Most Uses	Most Uses	Most Uses	Most Uses	17934 not recommended for Light Use if SDS recommends more protection (e.g. neoprene).
C4	Acid and Oxidizer, Inorganic	Purple	Light Use	Light Use	Most Uses	Most Uses	Most Uses	Most Uses	Most Uses	
D3	Oxidizers, Acidic	Gray								
D4	Oxidizers, Alkaline	Tan								
C5	Acid and Oxidizer, Organic	(none)								
P1	Peroxides	(none)								
T3	UNPoison, Packing Group II	(none)								
V1	Hazard Class 9	(none)								
T2	UNPoison, Packing Group I	(none)	Not recommended unless SDS specifies	Not recommended unless SDS specifies	Most uses	Most uses	Most uses	Light Use	Light Use	T2 may include extremely toxic materials such as sodium cyanide. Use maximum protection for which task can be accomplished safely.
G1-G9	Gases	(none)	Most Uses	Most Uses	Most Uses	Most Uses	Most Uses	Most Uses	Most Uses	These HCC's generally do not require hand protection during normal use, but protection is advisable in the event of accidental HAZMAT release
Z1-Z7	Articles	(none)								
H1,X1	Multiple	(none)	Most Uses	Most Uses	Most Uses	Most Uses	Most Uses	Most Uses	Most Uses	Hazards vary considerably. Consult SDS for specific item.