



Material Safety Data Sheet

Identity: Sodalite
Trade Names: Semi – Precious Stone
Material Use: Flooring, decoration

General Information

Company Name: Arim, Inc.
154 West Edsall Blvd.
Palisades Park, NJ 07650

Emergency Phone #: 201-645-1814

Ingredients/ Identity Information

Chemistry: $\text{Na}_4\text{Al}_3(\text{Si}_3\text{O}_{10})\text{Cl}$, Sodium Aluminum Silicate Chloride.
Color: Blue, White, Grey or even Green
Luster: Is vitreous or greasy
Transparency: Crystals are transparent to translucent, massive specimens are opaque.
Crystal System: Isometric; bar $4\frac{3}{m}$
Crystal Habits: Dodecahedral crystals have been found, usually massive as a rock forming mineral.
Cleavage: Poor, 6 directions but rarely seen.
Fracture: Uneven
Hardness: 5.5 – 6.0
Specific Gravity: 2.1 – 2.3



Chemical Formula/ Composition

Formula: Na₈Al₁₆Si₆O₂₄C₁₂

Composition: Molecular Weight = 969.21 gm

Sodium:	18.98%	Na	25.58%	Na ₂ O
Aluminum:	16.70%	Al	31.56%	Al ₂ O ₃
Silicon:	17.39%	Si	37.20%	SiO ₂
Chlorine:	7.32%	C1	7.32%	C1
	-%	C1	-1.65%	-O=C1 ₂
Oxygen:	39.62%	O		
Total Oxide:	100.00%		100.00%	