

TDS (Technical Data Sheet)

Definition

Name: Stainless Steel
Grade: 304L
Form: Plate
HS Code: 72191200
Deliver Status: Hot Rolled

Application

- Various stainless-steel products for masonry construction
- In heavy gauge components for improved weldability

Material / Component

Material / Component	CAS Number	% weight
Alloying Elements		
Carbon (C)	7440-44-0	0.08 max
Manganese (Mn)	7439-96-5	2.0 max
Phosphorous (P)	7723-14-0	0.045 max
Sulfur (S)	7704-34-9	0.030 max
Silicon (Si)	7440-21-3	2.0 max
Chromium (Cr)	7440-47-3	18.0-20.0
Nickel (Ni)	7440-02-0	8.0-12.0
Molybdenum (Mo)	7439-98-7	0.0
Nitrogen (N)	7727-37-9	0.10 max
Base Metal		
Iron (Fe)	7439-89-6	Balance

Handling and Storage

Not applicable to stainless steel in solid state. Operations with the potential for generating high concentrations of airborne particulates should be evaluated and controlled as necessary.

Practice good housekeeping.

Avoid breathing metal fumes and/or dust.