

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product : Galvanized Steel Roll
 Subproduct : **Steel Framing Members PerfiRey®**
 Formula : Steel
 Other means of identification : Steel Roll, Framing members, Galvanized, Steel Studs, Steel Tracks, etc.

1.2. Relevant identified uses of the substance or mixture and uses advised against

Use of the product : This product is used for manufacturing steel framing members.
 Restrictions : Follow manufacturers recommendations.

1.3. Details of the supplier of the safety data sheet

Panel Rey
 Northwest Commerce Building
 14405 Walters Rd. Suite 1024
 Houston, TX 77014
 Us: (281) 9192101
 Mexico: 1 800 862 90 22
contact.us@gpromax.com - www.panelrey.com


SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

United States (US) According to OSHA 29CFR 1910.1200 (HCS)
 GHS Classification (GHS-US) Health hazard GHS08
 Irritant GHS07

2.2. Label elements



Hazard symbol : 

Hazard Classification : Carcinogenicity – 2
 Reproductive Toxicology – 2
 Target Organ Systemic Toxicity - Repeated Exposure - 1
 Acute Toxicity – Oral 4
 Skin Sensitization – 1
 Target Organ Systemic Toxicity - Single Exposure - 3

Signal word : Danger.

Hazard statement : H302 – Harmful if swallowed
 H315 – Causes skin irritation.
 H317 – May cause an allergic skin reaction
 H320 – Causes eye irritations
 H334 – May cause allergy or asthma symptoms or breathing difficulties if inhaled.
 H335 – May cause respiratory irritation.
 H351 – Suspected of causing cancer
 H361 – Suspected of damaging fertility.
 H401 – Toxic to aquatic life

Precautionary statement : P261 – Avoid breathing dust/fume; P264 – Wash thoroughly after handling; P270 – Do not eat, drink or smoke while using this product; P271 – Use only outdoors in well ventilated areas; P273 – Avoid release to the Environment; P280 – Wear protective gloves/protective clothing/eye protection/face protection; P302 – If on skin: Wash with plenty of water and seek medical attention if irritation or rash occurs; P304/340 – If inhaled: Remove person to fresh air and keep at rest in a position comfortable for breathing; P308 – If exposed or concerned: Seek medical advice; P309 – If exposed and feel unwell: Seek medical attention; P363 – Wash contaminated clothing before reuse.

SUPRA Framing Members by Panel Rey®

[Framing Members Steel Roll]

Safety Data Sheet

According to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Hazard(s) not otherwise classified (HNOC) : None known.

2.3. Other hazards

Other hazards not contributing to the classification : None known.

2.4. Unknown acute toxicity (GHS-US)

None known.

2.5. Additional information

The framing members as final product do not represent any danger due to inhalation, ingestion or damage to the skin. However, in the procedures performed by customers such as machining, cutting, grinding, abrasive blasting, welding and molten steel, it can produce dust, smoke and particles that can represent various health hazards.

SECTION 3: Composition/information on ingredients

3.1. Substance

Not applicable

Full text of H-phrases: see section 16

3.2. Mixture

The steel framing members are made of a galvanized steel alloy, which can be composed of the following elements aluminum, beryllium, boron, calcium, carbon, cerium, chromium, cobalt, chromium, hafnium, iron, lanthanum, lead, magnesium, manganese, molybdenum, nickel, niobium, nitrogen, oxygen, phosphorus, selenium, silicon, sulfur, tin, zinc and zirconium.

Name	%	Product identifier (CAS No.)
Iron (metal base)	Balance	1309-37-1
Alloy:		
Carbon	<0.09	7441-44-0
Manganese	<1.60	7439-96-5
Phosphorus	<0.04	7723-14-0
Sulfur	<0.05	7704-34-9
Nickel	<0.15	7440-02-0
Chromium	<0.02	7440-47-3
Copper	<0.12	7440-50-8
Silicon	<0.10	7440-21-3
Aluminum	<0.06	7429-90-5
Niobium	<0.70	7440-03-1
CAS – Chemical Abstracts Service		
All the ingredients of this product are included in the Inventory of Chemical Substances of the Toxic Substances Control Act of the US Environmental Protection Agency. All components of this product are included in the List of National Substances of Canada (DSL) or in the List of Non-National Substances of Canada (NDSL).		

SECTION 4: First aid measures

4.1. Description of first aid measures

- First-aid measures general : Ensure that medical personnel are aware of the material(s) involved and take precautions to protect themselves.
- First-aid measures after inhalation : Due to its physical structure, aspects that relate some physical damage due to its inhalation are not known.
- First-aid measures after skin contact : The edges can be sharp causing skin wounds. Wounds and abrasions should be treated as quickly as possible using aseptic methods in the affected area. Consult a doctor in case of serious damage.
- First-aid measures after eye contact : Contact with edges, burrs and sharp notches can cause injury and irritation. Get medical attention in case of injuries or other eye damage.
- First-aid measures after ingestion : Due to the physical structure of the steel, its ingestion is not probable, and therefore there is a lack of related information.

4.2. Most important effects and symptoms, acute and no immediate effect.

Organs target : Eyes, Skin, Respiratory System.

SUPRA Framing Members by Panel Rey®

[Framing Members Steel Roll]

Safety Data Sheet

According to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

- Medical conditions that could be aggravated : During the handling and use of the product under normal conditions it is not expected any risk to health.
- Primary routes of entry to human body : The edges and burrs could be sharp and hurt the skin or eyes.

4.3. Indication of any immediate medical attention and special treatment required.

Provide first aid and if necessary, provide specialized medical care.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media : Any. Use media appropriate for surrounding fire.

5.2. Special hazards arising from the substance or mixture

- Fire hazard : Not flammable.
- Reactivity : Not reactive under normal use and conditions.

5.3. Advice for firefighters

Protection during firefighting : Positive pressure self-contained breathing apparatus (SCBA) and structural firefighters' protective clothing will provide adequate protection.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures : Evacuate area. Ensure adequate air ventilation.

6.1.1. For non-emergency personnel

Emergency procedures : Evacuate unnecessary personnel.

6.1.2. For emergency responders

Protective equipment : Equip cleanup crew with proper protection.

Emergency procedures : Stay upwind. Ventilate area.

6.2. Environmental precautions

This product does not present an ecological hazard to the environment. Dispose of in accordance with applicable federal, state, and local regulations.

6.3. Methods and material for containment and cleaning up

For containment : Pick-up larger pieces to avoid a tripping hazard. Return large pieces of damaged/scraped material for recycling.

Methods for cleaning up : Sweep or vacuum remaining material into a waste container for disposal. Use a light water spray to minimize dust generation. Maintain proper ventilation to minimize dust.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Additional hazards when processed : Maintain the prevention measures specified by the manufacturer.

Precautions for safe handling : The edges and notches may have sharp edges and cause skin wounds. Therefore it is recommended to download the packages with caution and careful handling.

Hygiene measures : Wear clean gloves. Practice a good cleaning. Wash well after destruction.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Pieces that fall may represent a danger and injur.
Store panels flat to minimize damage and warping.
Store framing members away from incompatible materials and corrosive substances.

7.3. Specific end use(s)

Brief summary of the product use. : This product is used for manufacturing steel framing members.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Nombre	TVL (mg/m)	PEL (mg/m ³)
Iron (metal base)	10 (T) as oxide	5 (R) as oxide
Carbon	(NE)	(NE)
Manganese	5 (t) as manganese	5 (R) powder / 1 (T) smoke
Phosphorus	0.1 (T)	0.1 (T) as oxide
Sulfur	13 (T) as oxide	5U. (T) as oxide

SUPRA Framing Members by Panel Rey®

[Framing Members Steel Roll]

Safety Data Sheet

According to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Nombre	TVL (mg/m)	PEL (mg/m ³)
Nickel	1 (T)	1 (T)
Chromium	1 (T) metal	0.5 (T) metal / 0.05 (T) compounds
Copper	0.1 (T) as smoke	0.2 (T) smoke 1.0 (T) powder
Silicon	(NE)	10 (T) / 5 (R)
Aluminum	(NE)	10 (T)
Niobium	(NE)	(NE)
(T) – Total	(R) – RESPIRABLE FRACTION	(NE) – NOT ESTABLISHED
TVL – Threshold Limit Values	CAS – Chemical Abstracts Service	
All ingredients of this product are included in the Inventory of Chemical Substances of the Law of Control of Toxic Substances, from the US Environmental Protection Agency. All components of this product are included in the List of National Substances of Canada (DSL) or in the List of Non-National Substances of Canada (NDSL).		

8.2. Exposure controls

Appropriate engineering controls	: Normally no ventilation is required.
Personal protective equipment	: Use the appropriate and recommended PPE.
Hand protection	: It is recommended to wear appropriate gloves.
Eye protection	: It is recommended to wear safety glasses during handling.
Skin and body protection	: Good industrial hygiene and safety practices reduce skin contact.
Respiratory protection	: Is not necessary under normal conditions.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	: Solid
Color	: Various
Odor	: Low to no odor
Odor threshold	: No data available
pH	: No data available
Relative evaporation rate (butyl acetate=1)	: No data available
Melting point	: 1325.56-1537.78 °C
Freezing point	: No data available
Boiling point	: No data available
Flash point	: No data available
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Flammability (solid, gas)	: No data available
Vapor pressure	: No data available
Relative vapor density at 20 °C	: No data available
Relative density	: 7-8 (H ₂ O)
Solubility	: No data available
Log Pow	: No data available
Log Kow	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
Explosive properties	: No data available
Oxidizing properties	: No data available
Explosive limits	: No data available

9.2. Other information

Recycled content:

Criteria	Content (%)
PRE-Consumption	13%
POST-Consumption	27%
TOTAL	40%

SUPRA Framing Members by Panel Rey®

[Framing Members Steel Roll]

Safety Data Sheet

According to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

SECTION 10: Stability and reactivity

10.1. Reactivity

Not reactive under normal use and conditions.

10.2. Chemical stability

Stable at normal temperatures and pressure.

10.3. Possibility of hazardous reactions

Hazardous polymerization will not occur.

10.4. Conditions to avoid

No additional information available

10.5. Incompatible materials

Strong acids, Strong oxidizing agents.

10.6. Hazardous decomposition products

There is no information about subproducts from decomposition.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Under normal conditions of intended use, this material does not pose a skin hazard. The edges and notches may have sharp edges and cause skin wounds. The toxicological information is applied for Coated Steel Sheet.

Acute toxicity	: Hazard. Warning. Harmful if swallowed,.
Skin corrosion/irritation	: Category 1. Warning. May cause an allergic skin reaction.
Serious eye damage/irritation	: Possible contact with small pieces from cuts or bad manipulation can damage the eyes. Category 1, 2A and 2B. Warning. Cause eye irritation.
Carcinogenicity	: Category 1A, 1B and 2. Warning. Suspected of causing cancer.
Reproductive toxicity	: Category 1A, 1B and 2. Warning. Suspected of damage fertility.
Specific target organ toxicity (single exposure)	: Category 1, 2 and 3. Warning. May cause respiratory irritation.
Specific target organ toxicity (repeated exposure)	: Category 1 and 2. Danger.
Aspiration hazard	: May cause allergy or asthma symptoms or breathing difficulties if inhaled.

Coated Steel Sheet as a mixture hasn't enough information about irritation. But components can have it, as dust or fumes when welding.

Nombre	Possible Effects to long-term exposure to dust	Listed as
Iron (metal base)	Siderosis (pneumoconiosis)	Carcinogenic Group 1 (IARC)
Oxides from welding	Chronic health effects including cancer	Carcinogenic Group 2B (IARC)
Manganese	Manganism, Parkinson-like syndrome	
Nickel	Dermatitis	Carcinogen Group 1 (IARC)
Chromium	Skin ulcers, irritation, ulcerations, kidney damage and cancer	
Copper	Irritation to eyes, nose and throat	
Aluminum	Metal fume fever	

SECTION 12: Ecological information

12.1. Toxicity

This product does not present an ecological hazard to the environment. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

12.2. Persistence and degradability

No additional information available

12.3. Bioaccumulative potential

No additional information available

12.4. Mobility in soil

No additional information available

SUPRA Framing Members by Panel Rey®

[Framing Members Steel Roll]

Safety Data Sheet

According to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

12.5. Other adverse effects

No effects on the environment are expected such as ozone depletion, possible photochemical ozone generation, endocrine disturbance, potential for global warming due to the product use and product recycling characteristics.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste disposal recommendations : Elements that contain this products can be recyclable; therefore its elimination is recommended according to Local, State and Federal environmental regulations. Never discharge directly into sewers or surface waters.

SECTION 14: Transport information

In accordance with DOT

Not regulated as dangerous materials for transport. May have special care because of dimensions of products.

Additional information

Other information : No supplementary information available.

ADR

Transport document description : No supplementary information available.

Transport by sea

No additional information available : No supplementary information available.

Air transport

No additional information available : No supplementary information available.

SECTION 15: Regulatory information

15.1. US Federal regulations

It is not considered as a dangerous product by OSHA 29CFR 1910.1200.

15.2. International regulations

CANADA

No additional information available

EU-Regulations

No additional information available

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Classification according to Directive 67/548/EEC [DSD] or 1999/45/EC [DPD]

15.2.2. National regulations

This Security Data Sheet was made under requirements from NOM-018-STPS-2015

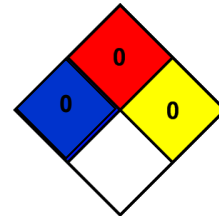
15.3. US State regulations

TSCA US.

It is in inventory. It is indicated that this product meets the inventory requirements managed by the laws.

SECTION 16: Other information

NFPA health hazard : 0 - Exposure could cause irritation but only minor residual injury even if no treatment is given.
NFPA fire hazard : 0 - Materials that will not burn.
NFPA reactivity : 0 - Normally stable, even under fire exposure conditions, and are not reactive with water.



SDS US (GHS HazCom 2012)

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product