

Material Safety Data Sheet

Product Name: STEEL SIDING AND ACCESSORIES

ID: 957

*** Section 1 - Chemical Product and Company Identification ***

Chemical Formula: Mixture. Steel sheet (galvanized sheet - low carbon, high strength low alloy) with various coatings

Product Use: Steel siding for building applications

Other Designations: None

Ply Gem Industries, Inc.
2600 Grand Blvd, Suite 900, Kansas City, MO 64108

Phone: 1-816-426-8200 or 1-800-788-1964

Emergency Information: USA: Chemtrec: 1-800-424-9300 or 1-703-527-3887

*** Section 2 - Hazards Identification ***

EMERGENCY OVERVIEW

Solid. Various colors. Odorless. Non-combustible. Dust from processing can cause irritation of the eyes, skin and upper respiratory tract. Combustion of the coatings can generate toxic and irritating gases.

POTENTIAL HEALTH EFFECTS

This product does not pose a significant health hazard under normal conditions of use.

The following statements summarize the health effects generally expected in cases of overexposures. User specific situations should be assessed by a qualified individual. Additional health information can be found in Section 11.

Eyes

Dust from processing: Can cause irritation.

Skin

Dust from processing: Can cause irritation. Prolonged or repeated contact with the skin can cause sensitization.

Contact with sharp edges: Can present a cut hazard.

Inhalation

Dust from processing: Can cause irritation of upper respiratory tract. **Chronic overexposures:** Can cause respiratory sensitization, lung damage, central nervous system damage and reproductive harm.

Carcinogenicity and Reproductive Hazard

Can present a cancer hazard [Chromium (VI) compounds, Lead] and a reproductive hazard [Lead, Manganese].

Medical Conditions Aggravated By Exposure to Product, Components or Compounds Formed During Processing

Dust from processing: Asthma, chronic lung disease, skin rashes and secondary Parkinson's disease.

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*** Section 3 - Composition / Information on Ingredients ***

Complete composition is provided below and may include some components classified as non-hazardous.

CAS #	Component	Percent
	Base Metal - Steel	>85
7439-89-6	Iron	>82
7439-96-5	Manganese	<1.7
7440-62-2	Vanadium	<0.2
	Galvanize Coating	<10
7440-66-6	Zinc	<9.9
7439-92-1	Lead	0.02
	Paint Coatings	<5
Not Available	Resins*	-
13463-67-7	Titanium dioxide	-
Not Available	Chromium (VI) compounds	-
Not Available	Chromium (III) compounds	-

Component Related Regulatory Information

Some component information may be found under the following: Chromium (VI) compounds, Chromium (VI) compounds (certain water insoluble forms), Chromium (VI), Chromium (III) Compounds.

Component Information

* - Resins include acrylic, polyester, urethane, epoxy, vinyl and fluoropolymer.

Additional compounds which may be formed during recycling or remelting are listed in Section 8.

*** Section 4 - First Aid Measures ***

First Aid: Eyes

Dust from processing: Flush eyes with plenty of water or saline for at least 15 minutes. Consult a physician.

First Aid: Skin

Dust from processing: Wash skin with soap and water for at least 15 minutes. Consult a physician if irritation persists.

First Aid: Inhalation

Dust from processing: Remove to fresh air. If unconscious or severely injured, check for clear airway, breathing and presence of pulse. Perform CPR if there is no pulse or respiration. Consult a physician.

*** Section 5 - Fire Fighting Measures ***

Flammable/Combustible Properties

This product does not present fire or explosion hazards as shipped.

Extinguishing Media

Use fire fighting methods and materials that are appropriate for surrounding fire.

Fire Fighting Equipment/Instructions

Fire fighters should wear NIOSH approved, positive pressure, self-contained breathing apparatus and full protective clothing when appropriate.

*** Section 6 - Accidental Release Measures ***

Small/Large Spill: No special procedures.

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*** Section 7 - Handling and Storage ***

Handling/Storage: Avoid contact with sharp edges or heated metal. Avoid generating dust.

*** Section 8 - Exposure Controls / Personal Protection ***

Engineering Controls

Generally not required under recommended conditions of use.

If dust is generated through processing: Use with adequate ventilation to meet the limits listed in Section 8, Exposure Guidelines.

Personal Protective Equipment

Respiratory Protection

Generally not required under recommended conditions of use.

If dust is generated through processing: Use NIOSH-approved respiratory protection as specified by an Industrial Hygienist or other qualified professional if concentrations exceed the limits listed in Section 8, Exposure Guidelines. Suggested respiratory protection: N100

Eye Protection: Wear safety glasses/goggles to avoid eye injury.

Skin Protection: Wear appropriate gloves to avoid any skin injury.

General

Sampling to establish **lead** exposures is advised where exposures to airborne particulate or fumes are possible. Consult OSHA Lead Standard 29 CFR 1910.1025 for specific health/industrial hygiene precautions and requirements to follow when handling lead compounds.

Exposure Guidelines

A: General Product Information

Alcoa recommends an Occupational Exposure Limit for **Chromium (VI) Compounds [both soluble and insoluble forms]** of 0.25 ug/m3 TWA as chromium.

Alcoa recommends Occupational Exposure Limits for **Manganese** of 0.05 mg/m3 TWA (total particulate) and 0.02 mg/m3 TWA (respirable fraction).

B: Component Exposure Limits

Manganese (7439-96-5)

ACGIH 0.2 mg/m3 TWA

OSHA 5 mg/m3 Ceiling (fume)

Lead (7439-92-1)

ACGIH 0.05 mg/m3 TWA

OSHA 50 µg/m3 TWA (as Pb); 30 µg/m3 Action Level (as Pb. Poison - see 29 CFR 1910.1025)

Titanium dioxide (13463-67-7)

ACGIH 10 mg/m3 TWA

OSHA 15 mg/m3 TWA (total dust)

Chromium (VI) compounds (Not Available)

ACGIH 0.05 mg/m3 TWA (as Cr) (related to Chromium (VI) compounds, water-soluble)

0.01 mg/m3 TWA (as Cr) (related to Chromium (VI) compounds, insoluble)

OSHA 2.5 µg/m3 Action Level; 5 µg/m3 TWA (Cancer hazard - See 29 CFR 1910.1026) (related to Chromium (VI))

Chromium (III) compounds (Not Available)

ACGIH 0.5 mg/m3 TWA (as Cr) (related to Chromium (III) compounds)

OSHA 0.5 mg/m3 TWA (as Cr) (related to Chromium (III) Compounds)

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C: Exposure Limits for Additional Compounds Which May Be Formed During Processing

Hydrogen chloride (7647-01-0)

ACGIH 2 ppm Ceiling
OSHA 5 ppm Ceiling; 7 mg/m³ Ceiling

Hydrogen fluoride (7664-39-3)

ACGIH 0.5 ppm TWA (as F)
ACGIH 2 ppm Ceiling (as F)
OSHA 3 ppm TWA

*** Section 9 - Physical & Chemical Properties ***

Physical State: Solid	Appearance: Various colors
Boiling Point: Not determined	Melting Point: Steel: 2750°F (1510°C); Zinc: 800-900°F (427-482°C)
Vapor Pressure: Not applicable	Solubility in Water: Not soluble
Density: Not determined	pH Level: Not applicable
Odor: Odorless	Octanol-Water Coefficient: Not applicable

*** Section 10 - Chemical Stability & Reactivity Information ***

Stability: Stable under normal conditions of use, storage, and transportation.

Conditions to Avoid

Combustion of the vinyl coatings will generate hydrogen chloride gas. Combustion of the fluoropolymer coatings will generate hydrogen fluoride gas.

Incompatibility: Galvanize coating will react with strong acids to generate hydrogen gas.

*** Section 11 - Toxicological Information ***

Health Effects Associated with Individual Ingredients

Hexavalent chromium (Chrome VI) Can cause irritation of eyes, skin and respiratory tract. Skin contact: Can cause irritant dermatitis, allergic reactions and skin ulcers. Chronic overexposures: Can cause perforation of the nasal septum, respiratory sensitization, asthma, the accumulation of fluid in the lungs (pulmonary edema), lung damage, kidney damage, lung cancer, nasal cancer and cancer of the gastrointestinal tract. IARC/NTP: Listed as "known to be a human carcinogen" by the NTP. Listed as carcinogenic to humans by IARC (Group 1)*.

Manganese dust or fumes Chronic overexposures: Can cause inflammation of the lung tissue, scarring of the lungs (pulmonary fibrosis), central nervous system damage, secondary Parkinson's disease and reproductive harm in males.

Chromium dust and mist Can cause irritation of eyes, skin and respiratory tract. **Chromium and trivalent chromium** IARC/NTP: Not classified by IARC.

Titanium dioxide Can cause irritation of eyes and respiratory tract. Chronic overexposures: Can cause chronic bronchitis. IARC/NTP: Listed as possibly carcinogenic to humans by IARC (Group 2B)*.

Lead dust or fume Can cause irritation of eyes and upper respiratory tract. Acute overexposures: Can cause nausea and muscle cramps. Chronic overexposures: Can cause weakness in the extremities (peripheral neuropathy), abdominal cramps and other gastrointestinal tract effects, kidney damage, liver damage, central nervous system damage, damage to blood forming organs, blood cell damage and reproductive harm. Can cause reduced fertility and fetal toxicity in pregnant women. IARC/NTP: Listed as "reasonably anticipated to be a human carcinogen" by the NTP. Listed as possibly carcinogenic to humans by IARC (Group 2B)*.

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Health Effects Associated with Individual Compounds Formed During Processing

Combustion of the coatings can generate hydrogen chloride and hydrogen fluoride gas.

Hydrogen chloride gas Can cause severe irritation and corrosive burns of eyes, skin and upper respiratory tract. Acute overexposures: Can cause the accumulation of fluid in the lungs (pulmonary edema).

Hydrogen fluoride gas Can cause severe irritation of eyes, mucous membranes, skin and respiratory tract. Acute overexposures: Can cause cough, shock, the accumulation of fluid in the lungs (pulmonary edema) and death. Effects can be delayed up to 24 hours.

Acute Toxicity of Ingredients/Formed Compounds

A: General Product Information: No information available for product.

B: Component Analysis - LD50/LC50

Iron (7439-89-6)

Oral LD50 Rat: 984 mg/kg

Manganese (7439-96-5)

Oral LD50 Rat: 9 g/kg

Titanium dioxide (13463-67-7)

Oral LD50 Rat: >10000 mg/kg

C: Formed Compound Toxicity - LD50s/LC50s

Hydrogen chloride (7647-01-0)

Inhalation LC50 Rat: 3124 ppm/1H; Oral LD50 Rat: 700 mg/kg; Dermal LD50 Rabbit: >5010 mg/kg

Hydrogen fluoride (7664-39-3)

Inhalation LC50 Rat: 850 mg/m³/1H; Inhalation LC50 Rat: 1276 ppm/1H

Carcinogenicity of Ingredients

A: Ingredient Carcinogenicity - IARC/NTP

Component	CAS	IARC 1	IARC 2A	IARC 2B	IARC 3	IARC 4	NTP K	NTP RA
Lead	7439-92-1	No	No	Yes	No	No	No	Yes
Titanium dioxide	13463-67-7	No	No	Yes	No	No	No	No
Chromium (VI) compounds (related to Chromium (VI))	Not Available	Yes	No	No	No	No	No	No
Chromium (III) compounds (related to Chromium (III))	Not Available	No	No	No	Yes	No	No	No

B: Ingredient Carcinogenicity - ACGIH

Lead (7439-92-1)

ACGIH A3 - Confirmed animal carcinogen with unknown relevance to humans

Titanium dioxide (13463-67-7)

ACGIH A4 - Not Classifiable as a Human Carcinogen

Chromium (VI) compounds (Not Available)

ACGIH A1 - Confirmed Human Carcinogen (related to Chromium (VI) water soluble compounds)

A1 - Confirmed Human Carcinogen (related to Chromium (VI) insoluble compounds)

Chromium (III) compounds (Not Available)

ACGIH A4 - Not Classifiable as a Human Carcinogen (related to Chromium (III) compounds)

C: Ingredient References

Lead (7439-92-1)

IARC Supplement 7 [1987], Monograph 23 [1980] (evaluated as a group)

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Titanium dioxide (13463-67-7)

IARC Monograph 93 posted, Monograph 47 [1989]

Chromium (VI) compounds (Not Available)

IARC Monograph 49 [1990] (evaluated as a group) (related to Chromium (VI))

Chromium (III) compounds (Not Available)

IARC Monograph 49 [1990] (listed under Chromium and Chromium compounds) Supplement 7 [1987] (related to Chromium (III) Compounds)

Carcinogenicity of Compounds Formed During Processing

A: Formed Compound Carcinogenicity - IARC/NTP

Component	CAS	IARC 1	IARC 2A	IARC 2B	IARC 3	IARC 4	NTP K	NTP RA
Hydrogen chloride	7647-01-0	No	No	No	Yes	No	No	No

B: Formed Compound Carcinogenicity - ACGIH

Hydrogen chloride (7647-01-0)

ACGIH A4 - Not Classifiable as a Human Carcinogen

C: Formed Compound References

Hydrogen chloride (7647-01-0)

IARC Monograph 54 [1992]

Descriptions of IARC and NTP Classifications

IARC 1: The agent is carcinogenic to humans. There is sufficient evidence that a causal relationship existed between exposure to the agent and human cancer.

IARC 2A: The agent is probably carcinogenic to humans. Generally includes agents for which there is limited evidence of carcinogenicity in humans and sufficient evidence of carcinogenicity in experimental animals.

IARC 2B: The agent is possibly carcinogenic to humans. Generally includes agents for which there is limited evidence in humans and less than sufficient evidence in experimental animals.

IARC 3: The agent is not classifiable as to its carcinogenicity to humans. Generally includes agents for which there is inadequate evidence in humans and inadequate or limited evidence in experimental animals.

IARC 4: The agent is probably not carcinogenic to humans. Generally includes agents for which there is evidence suggesting lack of carcinogenicity in humans and in experimental animals.

NTP K: Known to be a human carcinogen.

NTP RA: Reasonably anticipated to be a human carcinogen.

* * * Section 12 - Ecological Information * * *

Ecotoxicity

A: General Product Information: No information available for product.

B: Component Analysis - Ecotoxicity - Aquatic Toxicity

Iron (7439-89-6)

96 Hr LC50 *Morone saxatilis*: 13.6 mg/L [static]

Zinc (7440-66-6)

96 Hr LC50 *Pimephales promelas*: 6.4 mg/L

96 Hr EC50 *Selenastrum capricornutum*: 30 µg/L

72 Hr EC50 water flea: 5 µg/L

Lead (7439-92-1)

96 Hr LC50 *Pimephales promelas*: 6.5 mg/L

48 Hr EC50 water flea: 600 µg/L

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Chromium (VI) compounds (Not Available)

96 Hr LC50 Pimephales promelas: 36.2 mg/L; 96 Hr LC50 Oncorhynchus mykiss: 7.6 mg/L (related to Chromium (VI))

24 Hr EC50 water flea: 435 µg/L (related to Chromium (VI))

Chromium (III) compounds (Not Available)

96 Hr LC50 Oncorhynchus mykiss: 4.4 mg/L (juvenile); 96 Hr LC50 Pimephales promelas: 5.07 mg/L

96 Hr EC50 water flea: 2 mg/L; 96 Hr EC50 water flea: 168 mg/L

Environmental Fate: No information available for product.

*** Section 13 - Disposal Considerations ***

Disposal Instructions

Reuse or recycle material whenever possible. Material may be disposed of at an industrial landfill.

US EPA Waste Number & Descriptions

A: General Product Information

RCRA Status: Must be determined at time material is disposed. If material is disposed as waste, it must be characterized under RCRA according to 40 CFR, Part 261, or state equivalent in the U.S.

B: Component Waste Numbers

RCRA waste codes other than described under Section A may apply depending on use of product. Refer to 40 CFR 261 or state equivalent in the U.S.

*** Section 14 - Transportation Information ***

Special Transportation

	PSN #1	PSN #2	PSN #3	PSN #4
Notes:	(1)			
UN NA Number:	-			
Proper Shipping Name:	Not regulated			
Hazard Class:	-			
Packing Group:	-			
RQ:	-			
Other - Tech Name:	-			
Other - Marine Pollutant:	-			

Notes:

- (1) When not regulated, enter the proper freight classification, "MSDS Number" and "Product Name" on the shipping paperwork.

Canadian TDG Hazard Class & PIN:	Not regulated
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*** Section 15 - Regulatory Information ***

US Federal Regulations

A: General Product Information

In reference to Title VI of the Clean Air Act of 1990, this material does not contain nor was it manufactured using ozone-depleting chemicals.

B: Component Analysis

This material contains one or more of the following chemicals required to be identified under SARA Section 302 (40 CFR 355 Appendix A), SARA Section 313 (40 CFR 372.65) and/or CERCLA (40 CFR 302.4).

Manganese (7439-96-5)

SARA 313: 1.0 % de minimis concentration

Vanadium (7440-62-2)

SARA 313: 1.0 % de minimis concentration (except when contained in an alloy)

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Zinc (7440-66-6)

SARA 313: 1.0 % de minimis concentration (dust or fume only)

CERCLA: 1000 lb final RQ (no reporting of releases of this hazardous substance is required if the diameter of the pieces of the solid metal released is equal to or exceeds 0.004 inches); 454 kg final RQ (no reporting of releases of this hazardous substance is required if the diameter of the solid metal released is equal to or exceeds 0.004 inches)

Lead (7439-92-1)

SARA 313: 0.1 % Supplier notification limit; 0.1 % de minimis concentration (when contained in stainless steel, brass, or bronze)

CERCLA: 10 lb final RQ (no reporting of releases of this hazardous substance is required if the diameter of the pieces of the solid metal released is equal to or exceeds 0.004 inches); 4.54 kg final RQ (no reporting of releases of this hazardous substance is required if the diameter of the pieces of the solid metal released is equal to or exceeds 0.004 inches)

Chromium (VI) compounds (Not Available)

CERCLA: 10 lb final RQ; 4.54 kg final RQ

Chromium (III) compounds (Not Available)

SARA 313: 1.0 % de minimis concentration (except for chromite ore mined in the Transvaal Region of South Africa and the unreacted ore component of the chromite ore processing residue (COPR). Chemical Category N090) (related to Chromium (III) Compounds)

SARA 311/312 Physical and Health Hazard Categories:

Immediate (acute) Health Hazard: Yes, if acid gases generated during processing

Delayed (chronic) Health Hazard: Yes, if particulates/fumes generated during processing

Fire Hazard: No

Sudden Release of Pressure: No

Reactive: No

State Regulations

A: General Product Information

PENNSYLVANIA "Special Hazardous Substance": Chromium compounds, hexavalent.

Chemical(s) known to the State of California to cause cancer: Chromium (hexavalent compounds), Lead.

Chemical(s) known to the State of California to cause reproductive/developmental effects: Lead.

B: Component Analysis - State

The following components appear on one or more of the following state hazardous substances lists:

Component	CAS #	CA	FL	MA	MN	NJ	PA
Iron	7439-89-6	Yes	No	No	No	No	No
Manganese	7439-96-5	Yes	No	Yes	Yes	Yes	Yes
Vanadium	7440-62-2	Yes	No	Yes	No	Yes	Yes
Zinc	7440-66-6	Yes	No	Yes	No	Yes	Yes
Lead	7439-92-1	Yes	No	Yes	Yes	Yes	Yes
Titanium dioxide	13463-67-7	No	No	Yes	Yes	Yes	Yes
Chromium (VI) compounds (1related to Chromium (VI) (2related to Chromium compounds, hexavalent)	Not Available	No	No	Yes	Yes ¹	Yes	Yes ²
Chromium (III) compounds (1related to Chromium (III)	Not Available	No	No	No	Yes ¹	No	Yes

The following statement(s) are provided under the California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65):

WARNING! This product contains a chemical known to the state of California to cause cancer.

WARNING! This product contains a chemical known to the state of California to cause reproductive/developmental effects.

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Other Regulations

A: General Product Information: Material meets the criteria for inclusion in WHMIS D2A.

B: Component Analysis - WHMIS IDL

The following components are identified under the Canadian Hazardous Products Act Ingredient Disclosure List:

Component	CAS #	Minimum Concentration
Manganese	7439-96-5	1 %
Vanadium	7440-62-2	1 %
Lead	7439-92-1	0.1 %
Chromium (VI) compounds	Not Available	1 %
Chromium (III) compounds	Not Available	1 % (related to Chromium (III) compounds, n.o.s.)

C: Component Analysis - Inventory

Component	CAS #	TSCA	DSL	EINECS	AUST.	MITI
Iron	7439-89-6	Yes	Yes	Yes	Yes	No
Manganese	7439-96-5	Yes	Yes	Yes	Yes	No
Vanadium	7440-62-2	Yes	Yes	Yes	Yes	No
Zinc	7440-66-6	Yes	Yes	Yes	Yes	No
Lead	7439-92-1	Yes	Yes	Yes	Yes	Yes
Titanium dioxide	13463-67-7	Yes	Yes	Yes	Yes	Yes
Chromium (VI) compounds	Not Available	Yes	Yes	Yes	Yes	No
Chromium (III) compounds	Not Available	No	No	No	No	No

Inventory information

MITI Inventory: Pure metals are not specifically listed by CAS or MITI number on the MITI Inventory. However, the class of compounds for each of these metals is listed.

*** Section 16 - Other Information ***

MSDS History

Original: July 19, 1996

Supersedes: December 18, 2007

Revised: January 9, 2009

MSDS Status

01/09/09: Changes to Section 1, manufacturer name. Remove supplier information.

12/18/07: Changes to Section 1, manufacturer name, address, phone numbers

05/04/07: Changes to Section 1, manufacturer name, address, phone numbers

10/16/06: Reviewed on a periodic basis in accordance with Alcoa policy. Changes in Sections 1, 2, 3, 4, 8, 10, 11, 12, 13, 14 and 15.

08/27/03: Change to Section 1, Manufacturer address

Prepared By

Preparer: Jesse D Aiken, 937-498-6117

Other Information

* Guide to Occupational Exposure Values-2006, Compiled by the American Conference of Governmental Industrial Hygienists (ACGIH).

* Documentation of the Threshold Limit Values and Biological Exposure Indices, Sixth Edition, 1991, Compiled by the American Conference of Governmental Industrial Hygienists, Inc. (ACGIH).

* NIOSH Pocket Guide to Chemical Hazards, U.S. Department of Health and Human Services, February 2004.

* Patty's Industrial Hygiene and Toxicology: Volume II: Toxicology, 4th ed., 1994, Patty, F. A.; edited by Clayton, G. D. and Clayton, F. E.: New York: John Wiley & Sons, Inc.

* expub, www.expub.com, Expert Publishing, LLC.

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Key-Legend:

ACGIH	American Conference of Governmental Industrial Hygienists
AICS	Australian Inventory of Chemical Substances
CAS	Chemical Abstract Service
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act
CFR	Code of Federal Regulations
CPR	Cardio-pulmonary Resuscitation
DOT	Department of Transportation
DSL	Domestic Substances List (Canada)
EC	Effective Concentration
ED	Effective Dose
EINECS	European Inventory of Existing Commercial Chemical Substances
EPA	Environmental Protection Act
IARC	International Agency for Research on Cancer
LC ₅₀	Lethal concentration (50 percent kill)
LC _{Lo}	Lowest published lethal concentration
LD ₅₀	Lethal dose (50 percent kill)
LD _{Lo}	Lowest published lethal dose
LFL	Lower Flammable Limit
MITI	Ministry of International Trade & Industry
NFPA	National Fire Protection Association
NIOSH	National Institute for Occupational Safety and Health
NORM	Naturally occurring radioactive materials
NTP	National Toxicology Program
OEL	Occupational Exposure Limit
OSHA	Occupational Safety and Health Administration
PEL	Permissible Exposure Limit
PIN	Product Identification Number
PSN	Proper Shipping Name
RCRA	Resource Conservation and Recovery Act
SARA	Superfund Amendments and Reauthorization Act
STEL	Short Term Exposure Limit
TCLP	Toxic Chemicals Leachate Program
TDG	Transportation of Dangerous Goods
TLV	Threshold Limit Value
TSCA	Toxic Substance Control Act
TWA	Time Weighted Average
UFL	Upper Flammable Limit
WHMIS	Workplace Hazardous Materials Information System
atm	atmosphere
cm	centimeter
g, gm	gram
in	inch
kg	kilogram
lb	pound
m	meter
mg	milligram
ml, ML	milliliter
mm	millimeter
mppcf	million particles per cubic foot
n.o.s.	not otherwise specified
ppb	parts per billion
ppm	parts per million
psia	pounds per square inch absolute
u	micron
ug	microgram

INFORMATION HEREIN IS GIVEN IN GOOD FAITH AS AUTHORITATIVE AND VALID; HOWEVER, NO WARRANTY, EXPRESS OR IMPLIED, CAN BE MADE.

This is the end of MSDS # 957