



SAFETY DATA SHEET

SECTION 1 : IDENTIFICATION

Product identifier used on the label:

Product Name: Steel Wool all grades
Product Code: Coated Abrasives
UPC Numbers: 07660768335, 07660768118, 07660768117, 07660768116, 07660768115, 07660768114, 07660768113, 07660768112

Other means of identification:

Recommended use of the chemical and restrictions on use:

Product Use/Restriction: Abrasive Product.
Application of the substance/mixture for household cleaning and industrial grinding

Chemical manufacturer address and telephone number:

	<u>United States</u>	<u>Canada</u>
Manufacturer Name:	Saint-Gobain Abrasives, Inc.	Saint-Gobain Canada, Inc.
Address:	1 New Bond Street Worcester, MA 01615	28 Albert Street, W. Plattsville, ON N0J 1S0
Website:	www.Nortonabrasives.com	www.Nortonabrasives.com
General Phone Number:	800-551-4413	519-684-7441

Emergency phone number:

Emergency Phone Number:	508-795-5000	508-795-5000
CHEMTREC:	For emergencies in the US, call CHEMTREC: 800-424-9300	For emergencies in Canada, call CHEMTREC: 800-424-9300

SECTION 2 : HAZARD(S) IDENTIFICATION

Classification of the substance or mixture
Classification according to Regulation (EC) No 1272/2008 N/A

Classification according to Directive 67/548/EEC or Directive 1999/45/EC N/A

Classification system: Classification was done according Annex VI of directive (EU) No. 1272/2008. Classification were done according Part II, sub-section 33.2.1 and 33.4.1, of the UN Recommendations on the Transport of Dangerous Goods, Manual of Tests and Criteria.

Label elements:

Labelling according to Regulation (EC) No 1272/2008
The substance is classified and labelled according to the CLP regulation.

Hazard pictograms: Not applicable

Signal word: N/A

Hazard statements: N/A

Precautionary statements:

P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337+P313: IF eye irritation persists: Get medical advice/attention.

Information concerning particular hazards for human and environment: None

Other hazards: N/A

Results of PBT and vPvB assessment

PBT: Not applicable

vPvB: Not applicable

SECTION 3 : COMPOSITION/INFORMATION ON INGREDIENTS

Chemical characterization

Chemical Name	CAS No.	EC No.	Weight (%)
Carbon	7440-44-0	231-153-3	0.08 ± 0.02
Silicon	7440-21-3	231-130-8	0.14 ± 0.03
Manganese	7439-96-5	231-869-6	0.91 ± 0.03
Phosphorus	7723-14-0	231-768-7	0.013 - 0.005
Sulphur	7704-34-9	231-722-6	0.007 - 0.005
Iron	7439-89-6	231-096-4	Up to 100

SECTION 4 : FIRST AID MEASURES

After inhalation: No need

After skin contact: No need

After eye contact: Rinse opened eye for several minutes under running water. Then consult a doctor.

After swallowing: If symptoms persist consult doctor

Most important symptoms and effects, both acute and delayed: No further relevant information available

SECTION 5 : FIRE FIGHTING MEASURES

Extinguishing media

Suitable extinguishing agents: CO2 powder or water spray.

Special hazards arising from the substance or mixture: No further relevant information available

Advice for firefighters:

Protective equipment: No special measures required

SECTION 6 : ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures: Not required

Environmental precautions: No special advice

Methods and materials for containment and cleaning up:

Pick up mechanically

Reference to other sections

See Section 1 for information on emergency telephone number.

See Section 4 for information on first aid measures.

See Section 5 for information on firefighting measures.

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information

SECTION 7 : HANDLING and STORAGE

Precautions for safe handling:

Wash hands after work and before break.

Information about fire and explosion protection:

No special measures required.

Conditions for safe storage, including any incompatibilities:

Store in a cool and dry place. Store away from oxidizing agents. Do not store together with acids and alkalis.

Further information about storage conditions:

None

SECTION 8: EXPOSURE CONTROLS, PERSONAL PROTECTION

Additional information about design of technical facilities: No further data; see item 7.

Control parameters:

Ingredients with limit values that require monitoring at the workplace: Not required.

DNELs: No data

PNEC: No data

Additional information: None.

Personal protective equipment:

General protective and hygienic measures:

The usual precautionary measures for handling chemicals should be followed

Respiratory protection: Not required

Protection of hands:



Protective gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/the chemical mixture.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation.

Material of gloves:

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material cannot be calculated in advance and has therefore to be checked prior to the application.

Penetration time of glove material:

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

Eye protection: Not required.

SECTION 9 : PHYSICAL and CHEMICAL PROPERTIES

General Information

Form: Solid

Color: Silver-grey

Odor: Odorless

Change in condition :

Melting point/Melting range: ~1100oC

Boiling point/Boiling range: Not available

Flash point: Not available

Flammability (solid, gaseous): Non-flammable

Ignition temperature: Not available

Auto igniting: Not available

Danger of explosion: Not available

Explosion limits:

Lower: Not available

Upper: Not available

Oxidizing properties:Not available

Density: Not available

Relative density: Not available

Vapour density: Not available

Evaporation rate: Not available

Solubility in / Miscibility with Water: Can not soluble in water

pH-value: Not available

SECTION 10 : CHEMICAL STABILITY and REACTIVITY

Thermal decomposition / conditions to be avoided: No decomposition if used according to specifications.

Materials to be avoided: Strong oxidizing agents, strong acid and strong base

Dangerous reactions: No dangerous reactions known.

Dangerous products of decomposition: No dangerous decomposition products known

SECTION 11 : TOXICOLOGICAL INFORMATION

Acute toxicity:

Primary irritant effect:

On the skin: No Irritant

On the eye: Irritant effect.

Sensitization: No sensitizing effects known.

Subacute to chronic toxicity: No effects known.

Additional toxicological information: None

SECTION 12 : ECOLOGICAL INFORMATION

Toxicity:

Aquatic toxicity: this product is not classified ecotoxic according Ann. VI of directive 1272/2008.

Persistence and degradability: No further relevant information available.

Behavior in environmental systems:

Bioaccumulative potential:- No further relevant information available.

Mobility in soil: No further relevant information available.

Additional ecological information:

General notes: Generally not hazardous for water

Results of PBT and vPvB assessment:

PBT: Not applicable.

vPvB: Not applicable.

Other adverse effects: No further relevant information available

SECTION 13 : DISPOSAL CONSIDERATIONS

Product:

Recommendation - Smaller quantities can be disposed of with household waste.

Uncleaned packagings: Recommendation - Disposal must be made according to official regulations

SECTION 14 : TRANSPORT INFORMATION

Maritime transport IMDG:

IMDG Class: Not applicable

UN Number: Not applicable

Label -

Packaging group: Not applicable

Marine pollutant: Not applicable

Proper shipping name: Not applicable

SECTION 15 : REGULATORY INFORMATION

Safety, health and environmental regulations specific for the product:

Safety, health and environmental regulations/legislation specific for the substance or mixture.

National regulations:

Other regulations, limitations and prohibitive regulations

The product is listed in the following chemical inventories:

AICS	Australia
DSL	Canada
TSCA	USA
MITI	Japan
KECI	Korea
PICCS	Philippines

Water hazard class (WGK) generally not hazardous to water (self classification according to VwVwS)

Chemical safety assessment: A chemical Safety Assessment has not been carried out.

SECTION 16 : ADDITIONAL INFORMATION

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

*Reason for Changes Chapter 10 - Incompatible materials corrected

*Department issuing MSDS: Quality Management Department (Product safety & Dangerous Goods)

*Abbreviations and acronyms:

RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)

ICAO: International Civil Aviation Organization

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonized System of Classification and Labelling of Chemicals CAS: Chemical Abstracts Service (division of the American Chemical Society)

DNEL: Derived No-Effect Level (REACH)

PNEC: Predicted No-Effect Concentration (REACH)

SDS Creation Date: May 04, 2018

SDS Revision Date: May 04, 2018