

1. Identification

Product identifier	Abrasive Discs, Silicon Carbide
Other means of identification	
SDS number	02380
Part Number	809-171, 810-033-100, 810-034-100, 810-034-500, 810-035-100, 810-036-100, 810-036-500, 810-217-300, 810-217-PRM, 810-219-300, 810-219-PRM, 810-221-300, 810-221-PRM, 810-223-300, 810-223-PRM, 810-225-300, 810-225-PRM, 810-227-300, 810-227-PRM, 810-229-300, 810-229-PRM, 810-235-PRM, 810-237-PRM, 810-239-PRM, 810-241-PRM, 810-243-PRM, 810-245-300, 810-245-PRM, 810-247-300, 810-247-PRM, 810-249-300, 810-249-PRM, 810-251-300, 810-251-PRM, 810-253-300, 810-253-PRM, 810-255-300, 810-255-PRM, 810-257-300, 810-257-PRM, 810-259-300, 810-259-PRM, 810-261-300, 810-261-PRM, 810-263-300, 810-263-PRM, 810-265-300, 810-265-PRM, 810-267-300, 810-267-PRM, 810-269-300, 810-269-PRM, 810-291-300, 810-291-PRM, 810-292-300, 810-292-PRM, 810-293-300, 810-293-PRM, 810-294-300, 810-294-PRM, 810-295-300, 810-295-PRM, 810-296-300, 810-296-PRM, 810-297-300, 810-297-PRM, 810-425-PRM, 810-426-PRM, 810-427-PRM, 810-428-PRM, 810-429-PRM, 810-430-PRM, 810-856-100, 810-857-100, 810-858-100, 810-859-100, 810-859-500, 810-886-100, 811-651-318, 811-651-319, 811-651-320, 811-651-321, 811-651-322, 811-651-323, 811-651-324, 811-651-325, 811-651-326, 811-651-327, 811-651-328, 811-651-329, 811-651-342, 811-651-343, 811-651-344, 811-651-345, 811-651-346, 811-651-347, 812-201-PRM, 812-202-PRM, 812-203-PRM, 812-204-PRM, 812-205-PRM, 812-206-PRM, 812-207-PRM, 812-208-PRM, 812-209-PRM, 812-210-PRM, 812-211-PRM, 812-212-PRM, 812-213-PRM, 812-214-PRM, 812-217-200, 812-218-200, 812-219-200, 812-220-200, 812-221, 812-222, 812-367-300, 812-368-300, 812-369-300, 812-370-300, 812-371-300, 812-372-300, 812-373-300, 812-374-300, 812-375-300, 812-376-300, 812-377-300, 812-378-300, 812-379-300, 812-380-300
Recommended use	Not available.
Recommended restrictions	None known.
Manufacturer/Importer/Supplier/Distributor information	
Supplier	
Company name	LECO Corporation
Address	3000 Lakeview Avenue St. Joseph, MI 49085 United States
Telephone	269-983-5531
Website	www.leco.com
E-mail	info@leco.com
Emergency phone number	Chemtrec: 800-424-9300 Chemtrec Int'l: 703-527-3887

2. Hazard(s) identification

Physical hazards	Not classified.
Health hazards	Not classified.
Environmental hazards	Not classified.
OSHA defined hazards	Not classified.
Label elements	
Hazard symbol	None.
Signal word	None.
Hazard statement	The mixture does not meet the criteria for classification.
Precautionary statement	
Prevention	Observe good industrial hygiene practices.
Response	Wash hands after handling.
Storage	Store away from incompatible materials.
Disposal	Dispose of waste and residues in accordance with local authority requirements.

Hazard(s) not otherwise classified (HNOC)	None known.
Supplemental information	Not applicable.

3. Composition/information on ingredients

Mixtures

Chemical name	Common name and synonyms	CAS number	%
Cellulose		9004-34-6	30 - < 60
Polyester		25038-59-9	10 - < 30
SILICON CARBIDE		409-21-2	10 - < 30
Urea-formaldehyde Polymer		9011-05-6	5 - < 10
Paraffin waxes and Hydrocarbon waxes		8002-74-2	1 - < 5

4. First-aid measures

Inhalation	Move to fresh air. Call a physician if symptoms develop or persist.
Skin contact	Wash off with soap and water. Get medical attention if irritation develops and persists.
Eye contact	Rinse with plenty of water. Get medical attention if irritation develops and persists.
Ingestion	Rinse mouth. Get medical attention if symptoms occur.
Most important symptoms/effects, acute and delayed	Direct contact with eyes may cause temporary irritation.
Indication of immediate medical attention and special treatment needed	Treat symptomatically.
General information	Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves.

5. Fire-fighting measures

Suitable extinguishing media	Use fire-extinguishing media appropriate for surrounding materials.
Unsuitable extinguishing media	Not available.
Specific hazards arising from the chemical	During fire, gases hazardous to health may be formed.
Special protective equipment and precautions for firefighters	Self-contained breathing apparatus and full protective clothing must be worn in case of fire.
Fire-fighting equipment/instructions	Use water spray to cool unopened containers.
Specific methods	Use standard firefighting procedures and consider the hazards of other involved materials.
General fire hazards	No unusual fire or explosion hazards noted.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures	No special precautions are necessary beyond normal good hygiene practices. See Section 8 of the SDS for additional personal protection advice when handling this product.
Methods and materials for containment and cleaning up	Pick up and arrange disposal without creating dust.
Environmental precautions	Not available.

7. Handling and storage

Precautions for safe handling	Observe good industrial hygiene practices. Provide adequate ventilation.
Conditions for safe storage, including any incompatibilities	Room temperature - normal conditions.

8. Exposure controls/personal protection

Occupational exposure limits

US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)

Components	Type	Value	Form
Cellulose (CAS 9004-34-6)	PEL	5 mg/m3 15 mg/m3	Respirable fraction. Total dust.
SILICON CARBIDE (CAS 409-21-2)	PEL	5 mg/m3 15 mg/m3	Respirable fraction. Total dust.

US. ACGIH Threshold Limit Values

Components	Type	Value	Form
Cellulose (CAS 9004-34-6)	TWA	10 mg/m3	
Paraffin waxes and Hydrocarbon waxes (CAS 8002-74-2)	TWA	2 mg/m3	Fume.
SILICON CARBIDE (CAS 409-21-2)	TWA	0.1 fibers/cm3 3 mg/m3 10 mg/m3	Fiber. Respirable fraction. Inhalable fraction.

US. NIOSH: Pocket Guide to Chemical Hazards

Components	Type	Value	Form
Cellulose (CAS 9004-34-6)	TWA	5 mg/m3 10 mg/m3	Respirable. Total
Paraffin waxes and Hydrocarbon waxes (CAS 8002-74-2)	TWA	2 mg/m3	Fume.
SILICON CARBIDE (CAS 409-21-2)	TWA	5 mg/m3 10 mg/m3	Respirable. Total

Biological limit values No biological exposure limits noted for the ingredient(s).

Appropriate engineering controls Provide adequate ventilation.

Individual protection measures, such as personal protective equipment

Eye/face protection If contact is likely, safety glasses with side shields are recommended.

Skin protection

Hand protection For prolonged or repeated skin contact use suitable protective gloves. Suitable gloves can be recommended by the glove supplier.

Other Wear suitable protective clothing. Impervious gloves. The choice of an appropriate glove does not only depend on its material but also on other quality features and is different from one producer to the other.

Respiratory protection Use a particulate filter respirator for particulate concentrations exceeding the Occupational Exposure Limit.

Thermal hazards Wear appropriate thermal protective clothing, when necessary.

General hygiene considerations Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

9. Physical and chemical properties

Appearance

Physical state Solid.
Form Solid.
Color Not available.

Odor Odorless.

Odor threshold Not available.

pH Not available.

Melting point/freezing point Not available.

Initial boiling point and boiling range	Not available.
Flash point	Not available.
Evaporation rate	Not available.
Flammability (solid, gas)	Not available.
Upper/lower flammability or explosive limits	
Flammability limit - lower (%)	Not available.
Flammability limit - upper (%)	Not available.
Explosive limit - lower (%)	Not available.
Explosive limit - upper (%)	Not available.
Vapor pressure	Not available.
Vapor density	Not available.
Relative density	Not available.
Solubility(ies)	
Solubility (water)	Not available.
Partition coefficient (n-octanol/water)	Not available.
Auto-ignition temperature	Not available.
Decomposition temperature	Not available.
Viscosity	Not available.

10. Stability and reactivity

Reactivity	The product is stable and non-reactive under normal conditions of use, storage and transport.
Chemical stability	Material is stable under normal conditions.
Possibility of hazardous reactions	Hazardous polymerization does not occur.
Conditions to avoid	Heat, flames and sparks.
Incompatible materials	None known.
Hazardous decomposition products	Trace amount of ammonia & formaldehyde

11. Toxicological information

Information on likely routes of exposure

Ingestion	Expected to be a low ingestion hazard. However, ingestion is not likely to be a primary route of occupational exposure.
Inhalation	Inhalation of dusts may cause respiratory irritation.
Skin contact	May be irritating to the skin.
Eye contact	Direct contact with eyes may cause temporary irritation.
Symptoms related to the physical, chemical and toxicological characteristics	Direct contact with eyes may cause temporary irritation.

Information on toxicological effects

Acute toxicity	Not available.
Skin corrosion/irritation	Prolonged skin contact may cause temporary irritation.
Serious eye damage/eye irritation	Direct contact with eyes may cause temporary irritation.
Respiratory or skin sensitization	
Respiratory sensitization	Due to lack of data the classification is not possible.
Skin sensitization	Due to lack of data the classification is not possible.
Germ cell mutagenicity	Due to lack of data the classification is not possible.
Carcinogenicity	This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA.

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)

Not listed.

Reproductive toxicity	Due to lack of data the classification is not possible.
Specific target organ toxicity - single exposure	Not classified.
Specific target organ toxicity - repeated exposure	Not classified.
Aspiration hazard	Not available.

12. Ecological information

Ecotoxicity	Ecological injuries are not known or expected under normal use.
Persistence and degradability	No data is available on the degradability of this product.
Bioaccumulative potential	No data available.
Mobility in soil	No data available.
Other adverse effects	No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.

13. Disposal considerations

Disposal instructions	Dispose in accordance with all applicable regulations.
Local disposal regulations	Dispose in accordance with all applicable regulations.
Hazardous waste code	The waste code should be assigned in discussion between the user, the producer and the waste disposal company.
Waste from residues / unused products	Dispose of in accordance with local regulations.
Contaminated packaging	Not available.

14. Transport information

DOT

Not regulated as dangerous goods.

IATA

Not regulated as dangerous goods.

IMDG

Not regulated as dangerous goods.

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code Not applicable.

15. Regulatory information

US federal regulations All components are on the U.S. EPA TSCA Inventory List.

CERCLA Hazardous Substance List (40 CFR 302.4)

Not listed.

SARA 304 Emergency release notification

Not regulated.

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)

Not listed.

Superfund Amendments and Reauthorization Act of 1986 (SARA)

Hazard categories Immediate Hazard - No
Delayed Hazard - No
Fire Hazard - No
Pressure Hazard - No
Reactivity Hazard - No

SARA 302 Extremely hazardous substance

Not listed.

SARA 311/312 Hazardous chemical No

SARA 313 (TRI reporting)

Not regulated.

Other federal regulations**Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List**

Not regulated.

Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)

Not regulated.

Safe Drinking Water Act (SDWA) Not regulated.**US state regulations****US. Massachusetts RTK - Substance List**

Cellulose (CAS 9004-34-6)

Paraffin waxes and Hydrocarbon waxes (CAS 8002-74-2)

SILICON CARBIDE (CAS 409-21-2)

US. New Jersey Worker and Community Right-to-Know Act

Cellulose (CAS 9004-34-6)

Paraffin waxes and Hydrocarbon waxes (CAS 8002-74-2)

SILICON CARBIDE (CAS 409-21-2)

US. Pennsylvania Worker and Community Right-to-Know Law

Cellulose (CAS 9004-34-6)

Paraffin waxes and Hydrocarbon waxes (CAS 8002-74-2)

SILICON CARBIDE (CAS 409-21-2)

US. Rhode Island RTK

Not regulated.

US. California Proposition 65

California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65): This material is not known to contain any chemicals currently listed as carcinogens or reproductive toxins.

International Inventories

Country(s) or region	Inventory name	On inventory (yes/no)*
Australia	Australian Inventory of Chemical Substances (AICS)	Yes
Canada	Domestic Substances List (DSL)	Yes
Canada	Non-Domestic Substances List (NDSL)	No
China	Inventory of Existing Chemical Substances in China (IECSC)	Yes
Europe	European Inventory of Existing Commercial Chemical Substances (EINECS)	No
Europe	European List of Notified Chemical Substances (ELINCS)	No
Japan	Inventory of Existing and New Chemical Substances (ENCS)	Yes
Korea	Existing Chemicals List (ECL)	Yes
New Zealand	New Zealand Inventory	Yes
Philippines	Philippine Inventory of Chemicals and Chemical Substances (PICCS)	Yes
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	Yes

*A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s)

A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).

16. Other information, including date of preparation or last revision

Issue date	06-16-2014
Version #	01
HMIS® ratings	Health: 1 Flammability: 0 Physical hazard: 0
NFPA ratings	Health: 1 Flammability: 0 Instability: 1

Disclaimer

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