Section 1: Identification of the Substance/Mixture and of the Company Undertaking

Product identifier used on the label:

Product Name:	Liquid Ice Glaze

Other means of identification:

Product Codes:	63642506092

Recommended use of the chemical and restrictions on use:

Product Uses:	POLISH

Chemical manufacturer address and telephone number:

Manufacturer Name:	Saint-Gobain Abrasives, Inc.
Manufacturer Address 1:	1 New Bond Street
Manufacturer City:	Worcester
Manufacturer State:	MA
Manufacturer Zip Code:	01615
Manufacturer Country:	USA
Manufacturer Web:	www.Nortonabrasives.com
Business Phone:	508-795-5000
Distributor:	Saint-Gobain Canada, Inc
Distributor Address 1:	28 Albert Street, W.
Distributor City:	Plattsville
Distributor State:	ON
Distributor ZipCode:	N0J 1S0
Distributor Country:	Canada
Distributor Web:	www.Nortonabrasives.com
Distributor Phone:	519-684-7441

Emergency phone number:

Emergency Phone:	508-795-5000
Distributor Emergency Phone:	508-795-5000
Creation Date:	07/01/2013
Revision Date:	2018-07-18 16:26:13
Notes from Section 1:	CHEMTREC: For emergencies in the US, call CHEMTREC: 800-424-9300 For emergencies in Canada, call CHEMTREC: 800-424-9300

Section 2: Hazards Identification

Classification of the chemical in accordance with CFR 1910.1200(d)(f):

Signal Words: None

Emergency Overview: Classification of the substance or mixture.
In compliance with Dir. 1999/45/EC the mixture is classified not dangerous.
In compliance with Reg. EC n.1272/2008 and according to 29 CFR 1910.1200 (OSHA-HCS) the mixture is classified not dangerous. Components that represent aspiration hazard are present in a total concentration > 10%, but the preparation has a kinematic viscosity superior to the limit of 20,5 mm2/s for the classification as dangerous.

Label elements:
Label applied in compliance with Reg. CE n.1272/2008:
Hazard pictograms: None

Other hazards:
None of the components of the mixture satisfy the criteria for the identification of PBT and vPvB.

Hazard Statements: None
EUH210 - Safety data sheet available on request.

Precautionary Statements: None

Hazards not otherwise classified that have been identified during the classification process:

Section 3: Composition/Information on Ingredients

Mixtures:

Ingredient Name	CAS Number	Ingredient Percent	EC Number	Comments
Aluminium oxide	1344-28-1	Conc. % in weight: 1 ÷ 15%		
Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, < 2% aromatics		Conc. % in weight: 5 ÷ 10%		
				
Hydrocarbons, C15-C20, n-alkanes, isoalkanes, cyclics, < 0.03% aromatics		Conc. % in weight: 5 ÷ 10%		
				

Product:

Notes:: Mixtures: Dangerous components (classification according to Dir. 67/548/EEC e Reg. (EC) n. 1272/2008)

Hydrocarbons, C15-C20, n-alkanes, isoalkanes, cyclics, < 0.03% aromatics:

Notes:

N° reg. ECHA: 01-2119827000-58
N° CE: 934-956-3

Classification according to Dir.1999/45/EC:
Symbols: Xn
R Phrases: 65

Classification according to Reg. (EC) n. 1272/2008:
Hazard class and category: Asp. Tox. 1

Pictograms and labeling codes: Dgr
See Manufacturer MSDS of Pictograms

Hazard Statement Code: H304

Aluminium oxide:

Notes:

N° reg. ECHA: 01-2119529248-35
N° CE: 215-691-6

Classification according to Dir.1999/45/EC:
NOT DANGEROUS

Classification according to Reg. (EC) n. 1272/2008:
NOT DANGEROUS

Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, < 2% aromatics:

Notes:

N° reg. ECHA: 01-2119456620-43
N° CE: 926-141-6

Classification according to Dir.1999/45/EC:
Symbols: Xn
R Phrases: 65-66

Classification according to Reg. (EC) n. 1272/2008:
Hazard class and category: Asp. Tox. 1

Pictograms and labeling codes: Dgr
See Manufacturer MSDS of Pictograms

Hazard Statement Code: H304
EUH066

Section 4: First Aid Measures

Description of necessary measures:

Eye Contact: Rinse with plenty of fresh water for at least 15 minutes keeping the eyelids wide open. Remove contact lenses, if present and easy to do. If necessary, call a specialist.

Skin Contact: Immediately remove contaminated garments. Wash the parts involved very thoroughly with soap and water or with an appropriate detergent. Do not use solvents or thinners.

Inhalation: Remove the patient to a well aired place, keep him warm and make him rest. If respiration is irregular or has stopped, give him artificial respiration. In case of loss of consciousness, keep him in a restful position and consult a doctor.

Ingestion: Swallowing. In case of accidental swallowing, consult a doctor immediately. Make the patient rest. Do not induce vomit.

Most important symptoms/effects, acute and delayed:

Indication of immediate medical attention and special treatment needed

Notes from Section 4:	Most important symptoms and effects, both acute and delayed: Eye contact causes irritation and rash. The inhalation of vapours may cause moderate irritation of the upper respiratory tract, drowsiness and dizziness. Skin contact may cause moderate irritation. Ingestion may cause abdominal pain, smarting, nausea and vomit. Indication of any immediate medical attention and special treatment needed: No further relevant indication.

Section 5: Firefighting Measures

Suitable and unsuitable extinguishing media

Extinguishing Media:	Extinguish with carbon dioxide, powders, foam, sprayed water. Do not use water jets.

Specific hazards arising from the chemical

Special protective equipment and precautions for fire-fighters

Fire Fighting Instructions:	Advice for firefighters: Cool with sprayed water any closed containers exposed to the fire. Do not breath fumes developed from the fire or wear breathing apparatus. Prevent extinguishing liquids from entering sewer systems or water courses.
Notes from Section 5:	Special hazards arising from the substance or mixture: Combustion can develop toxic fumes containing carbon monoxide and nitrogen oxides.

Section 6: Accidental Release Measures

Personal precautions, protective equipment and emergency procedures

Personnel Precautions:	Do not breathe in vapours, use the personal protective equipment for person/eyes and respiratory tract. Keep away any source of ignition and ventilate the area. Vapours are heavier than air and may form flammable mixtures along the ground: provide adequate ventilation.

Methods and materials for containment and cleaning up

Methods for Containment:	In case of accidental spillage, check and absorb any spilled product with sand and inert materials. Put the contaminated material into tight containers and dispose of as waste according to laws in force. Use no-sparkling tools. If the material is to be recovered by aid of aspirators, keep away possible sources of ignition. Do not throw waste material into the sewer system. Clean the area involved with water or detergent liquid. Do not use any solvents.
Methods for Cleanup:	In case of accidental spillage, check and absorb any spilled product with sand and inert materials. Put the contaminated material into tight containers and dispose of as waste according to laws in force. Use no-sparkling tools. If the material is to be recovered by aid of aspirators, keep away possible sources of ignition. Do not throw waste material into the sewer system. Clean the area involved with water or detergent liquid. Do not use any solvents.

Environmental precautions

Environmental Precautions:	Prevent spills from entering manholes and drains.
Notes from Section 6:	See also sections 8 and 13.

Section 7: Handling and Storage

Precautions for safe handling

Handling:	Ensure an adequate ventilation and/or localised suction systems in working areas. The material can accumulate static charges which may cause sparks (sources of ignition). Use proper procedures of storage and grounding. Use only in well-ventilated areas. For personal protective devices see section 8.Do not smoke, eat or drink in working areas.
Hygiene Practices:	HYGENIC MEASURES: Do not breathe vapours – Avoid contact with skin and eyes – Keep away from food and drinks – Before breaks and at the end of work wash hands - Remove contaminated garments and wash them before use them again. Persons with an inclination to skin affections and other signs of skin hypersensitivity must avoid any contact with the product. Use anti-static working clothes.

Conditions for safe storage, including any incompatibilities

Storage:	Store between 15 and 25 deg C in a dry and well aired place. Keep containers well closed and away from heat sources, sparks and open flames. Do not smoke. Do not allow access to the storage area to unauthorized persons. Keep away from oxidative agents, peroxides, strong acids. Open the containers slowly to control possible pressure losses. Store in a cool and well-ventilated place. Always use packaging of the same type as the original ones. Definitive storage package, package for decanting and related equipment must be grounded to prevent accumulation of electrostatic charges. Compatible packaging materials and coatings (chemical compatibility): carbon steel; stainless steel; polyethylene; polypropylene; polyester; PTFE. Not compatible materials and coatings: natural rubber; butyl rubber; polystyrene.
Notes from Section 7:	No further relevant indication.

Section 8: Exposure Controls/Personal Protection

Exposure Guidelines

Exposure limit:	Professional Exposure Limits: Component: None of the components are subject to exposure limits ACGIH 2014: TLV - TWA (1) STEL (2) DIR 2009/161/EU: TLV - TWA (1) STEL (2) 1) Limit for long exposure 2) Limit for short exposure

Appropriate engineering controls
Individual protection measures

Eye Protection:	Safety glasses with side shields (frame goggles for example. EN 166).
Hand Protection:	Wear PVF or nitrile rubber gloves for brief contact (recommendation: at least protective index 2, corresponding to > 30 min. permeation according to EN374).
Respiratory Protection:	Protection of respiratory tract: The workplaces have to be adequately ventilated. Workplaces have to be equipped with localised suction systems. In working places with insufficient ventilation, it is essential to use protection systems for the respiratory tract, such as masks with filter of the type A according to UNI EN 141 regulations. Adopt explosion-proof ventilation systems.

Hygiene Practices:	HYGENIC MEASURES: Do not breathe vapours – Avoid contact with skin and eyes – Keep away from food and drinks – Before breaks and at the end of work wash hands - Remove contaminated garments and wash them before use them again. Persons with an inclination to skin affections and other signs of skin hypersensitivity must avoid any contact with the product. Use anti-static working clothes.

Section 9: Physical and Chemical Properties

Physical and chemical properties

Physical State:	Gel
Color:	Light blue
pH:	Not Applicable
Melting Temperature:	Not Applicable
Flash Point:	> 100 deg C
Flash Point Method:	(open cup)
Decomposition Temperature:	Data not available for the mixture
Vapor Pressure:	Data not available for the mixture
Vapor Density:	Data not available for the mixture
Density:	0.981 Kg/L
Solubility In Water:	Data not available for the mixture
Evaporation Rate:	Data not available for the mixture
Viscosity:	> 1500 mm^2/s
Odor Threshold:	Fern
Octanol Water Partition Coef:	Distribution coefficient: n-octanol/water: Data not available for the mixture
Oxidizing Properties:	Not present
Explosive Properties:	Not Applicable (see flammability limits)
Note from Section 9:	Olfactory limit: Data not available for the mixture Flammability limits: Data not available for the mixture Self-ignition temperature: Data not available for the mixture Other information: No further relevant indication.

Section 10: Stability and Reactivity

Reactivity:

Reactivity:	No data available Possibility of hazardous reactions: If exposed to high temperatures may form explosive mixtures vapour/air.

Chemical Stability:

Chemical Stability:	The product is stable under the recommended conditions of storage and use (see paragraph 7).

Possibility of hazardous reactions:
Conditions To Avoid:

Conditions To Avoid:	Heat, flames and sparks.

Incompatible Materials:

Incompatible Materials:	Strong alkalis and strong acids, oxidizing agents, isocyanates, anhydrides.
Hazardous Decomposition Products:	None under normal condition of use; If exposed to high temperatures, it can give rise to hazardous decomposition products, such as carbon monoxide.

Section 11: Toxicological Information

Toxicological Information:

Product:

Acute Toxicity:	Acute toxicity of petroleum Distillates: LD50 oral rat > 5000 mg/Kg LC50 inhaling rat 5.2 mg/L/4h No specific data is available on the preparation itself. The exposure to concentrations in air exceeding recommended limits can cause irritation to eyes, respiratory tract, and effects on the central nervous system (narcosis). Frequent and prolonged skin contact may cause dermatitis. The viscosity of the preparation mitigates the risk of an aspiration into the respiratory tract due to swallowing and vomit: In case of any swallowing of the product, there might result lung damages caused by Petroleum Distillates.

Section 12: Ecological Information

Ecotoxicity:

Product:

Ecotoxicity:	Toxicity: No specific data is available on the mixture.

Persistence and degradability:

Product:

Biodegredation:	Persistence and degradability: No specific data is available on the preparation; mixture components are partially biodegradable and compatible with biological treatment in waste treatment plants.

Bioaccumulative potential:

Product:

BioAccumulation:	Bioaccumulative potential: The mixture components have low bioconcentration potential.

Mobility in soil:

Product:

Mobility In Environmental Media:	Mobility in soil: No specific data available on the preparation.
Notes from Section 12:	Results of PBT and vPvB assessment: The mixture does not contain substances considered PBT o vPvB. Other adverse effects: Data not available.

Section 13: Disposal Considerations

Description of waste:

Waste Disposal:	Do not discharge the product or residues of treatment into sewer systems or water courses. Waste has to be disposed of in compliance with D. Lgs. Regulations of 3 April 2006, n. 152 (European Directives 91/156/EEC, 91/689/EEC and 94/62/EC). Waste may be treated in waste water depuration plants or in incineration plants. Contaminated containers: Empty containers should be taken for recycling, recovery or disposal as waste.

Section 14: Transport Information

Transportation:	THE PRODUCT IS NOT CLASSIFIED DANGEROUS FOR TRANSPORT PURPOSES

Section 15: Regulatory Information

Safety, health and environmental regulations specific for the product:

Regulatory - Product Based:

European Community Chemical Inventory Status:

Safety, health and environmental regulations/legislation specific for the substance or mixture.
The components of the mixture are included in Annex I of Dir. 96/82/EC (Seveso).
The preparation itself does not fall within the scope of Directives 1999/13/EC and 2004/42/EC (Annex II, B) on limits for the emissions of volatile organic compounds (VOC) in vehicles refinishing products.

Section 16: Additional Information

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Other Information: