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

Product identifier used on the label:

Product Name:	Carbon Black "Guide Coat"

Other means of identification:

Product Codes:	07660721938
Chemical Family:	Polyacrylate.

Recommended use of the chemical and restrictions on use:

Product Uses:	Paints. This product should not be used for any other purpose other than the ones described in this section.

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.Carbo.com
Business Phone:	508-795-5000
Distributor:	Saint-Gobain Canada, Inc.
Distributor Address 1:	28 Albert St, W.
Distributor City:	Plattsville
Distributor State:	ON
Distributor ZipCode:	N0J 1S0
Distributor Country:	Canada
Distributor Web:	www.Carbo.com
Distributor Phone:	519-684-7441

Emergency phone number:

Emergency Phone:	508-795-5000
Creation Date:	2018-11-09
Revision Date:	2018-12-04 14:39:58
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: Danger

Product:

GHS Class: Hazard Classification:Flammable Aerosol 2. Gas under pressure: Compressed Gas. Skin Irritant 2. Eye Irritant 2. STOT SE 3. Carcinogen 2. STOT RE 2. Reproductive 2.

Hazard Statements:
H222 - Extremely flammable aerosol.
H280 - Contains gas under pressure; may explode if heated.
H351 - Suspected of causing cancer .
H315 - Causes skin irritation.
H319 - Causes serious eye irritation.
H336 - May cause drowsiness or dizziness.
H360 - May damage fertility or the unborn child .
H373 - May cause damage to organs through prolonged or repeated exposure .

Precautionary Statements:
P201 - Obtain special instructions before use.
P202 - Do not handle until all safety precautions have been read and understood.
P210 - Keep away from heat/sparks/open flames/hot surfaces. – No smoking.
P211 - Do not spray on an open flame or other ignition source.
P251 - Pressurized container: Do not pierce or burn, even after use.
P260 - Do not breathe dust/fume/gas/mist/vapours/spray.
P264 - Wash hands thoroughly after handling.
P271 - Use only outdoors or in a well-ventilated area.
P280 - Wear protective gloves/protective clothing/eye protection/face protection.
P302+P352 - IF ON SKIN: Wash with plenty of soap and water.
P304+P340 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P308+P313 - IF exposed or concerned: Get medical advice/attention.
P312 - Call a POISON CENTER or doctor/physician if you feel unwell.
P314 - Get medical advice/attention if you feel unwell.
P321 - Call a POISON CENTER/doctor if you feel unwell.
P332+P313 - If skin irritation occurs: Get medical advice/attention.
P337+P313 - If eye irritation persists: Get medical advice/attention.
P403+P233 - Store in a well-ventilated place. Keep container tightly closed.
P405 - Store locked up.
P410 - Protect from sunlight.
P412 - Do not expose to temperatures exceeding 50°C/ 122°F.
P501 - Dispose all unused, waste or empty containers in accordance with local regulations.

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
ACETONE	67-64-1	30-60		
PROPANE	74-98-6	10-30		
ISOBUTANE	75-28-5	7-13		
TALC	14807-96-6	7-13		
ACRYLIC POLYMER	PROPRIETARY	5-10		
ISOBUTYL ACETATE	110-19-0	5-10		
XYLENE	1330-20-7	1-5		
TOLUENE	108-88-3	1-5		
ISOPROPYL ALCOHOL	67-63-0	1-5		
CALCIUM CARBONATE	1317-65-3	1-5		
BLACK IRON OXIDE	1309-37-1	1-5		

CARBON BLACK	1333-86-4	0.1-1.0		
DIBUTYL PHTHALATE	84-74-2	0.1-1.0		

Section 4: First Aid Measures

Description of necessary measures:

Eye Contact: In case of contact, immediately flush eyes, keeping eyelids open, with plenty of water for at least 15 minutes. Obtain medical attention.

Skin Contact: Remove all contaminated clothing and immediately wash the exposed areas with copious amounts of water for a minimum of 30 minutes or up to 60 minutes for critical body areas. If irritation persists, seek medical attention.

Inhalation: If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen, obtain medical attention.

Ingestion: If ingestion is suspected, contact physician or poison control center immediately. If spontaneous vomiting occurs have victim lean forward with head down to prevent aspiration of fluid into the lungs. Never give anything by mouth to an unconscious person.

Most important symptoms/effects, acute and delayed:
Indication of immediate medical attention and special treatment needed

Notes from Section 4: Additional information:Treat victims symptomatically. In the event of an incident involving this product ensure that medical authorities are provided a copy of this safety data sheet.

Section 5: Firefighting Measures

Suitable and unsuitable extinguishing media

Extinguishing Media: "Alcohol" foam, CO2, dry chemical.

Specific hazards arising from the chemical

Hazardous Combustion Products: Oxides of carbon (CO, CO2).

Special protective equipment and precautions for fire-fighters

Fire Fighting Instructions: Special fire fighting procedures:Firefighter should be equipped with self-contained breathing apparatus and full protective clothing to protect against potentially toxic and irritating fumes. Solvent vapours may be heavier than air and may build up and travel along the ground to an ignition source, which may result in a flash back to the source of the vapours. Cool fire-exposed containers with cold water spray. Heat will cause pressure buildup and may cause explosive rupture.

NFPA Health: 2

NFPA Fire: 3

NFPA Reactivity: 0

Section 6: Accidental Release Measures

Personal precautions, protective equipment and emergency procedures

Leak Response:	Ventilate. Eliminate all sources of ignition. Contain the spill. Avoid all personal contact. Spilled material and water rinses are classified as chemical waste, and must be disposed of in accordance with current local, provincial, state, and federal regulations. Evacuate all non-essential personnel. Prevent runoff into drains, sewers, and other waterways. Absorb with earth, sand, or another dry inert material. Shovel into suitable unsealed containers, transport to well-ventilated area (outside) and treat with neutralizing solution: mixture of water (80%) with non-ionic surfactant Tergitol TMN-10 (20%); or water (90%), concentrated ammonia (3-8%) and detergent (2%).

Methods and materials for containment and cleaning up

Spill Cleanup Measures:	Ventilate. Eliminate all sources of ignition. Contain the spill. Avoid all personal contact. Spilled material and water rinses are classified as chemical waste, and must be disposed of in accordance with current local, provincial, state, and federal regulations. Evacuate all non-essential personnel. Prevent runoff into drains, sewers, and other waterways. Absorb with earth, sand, or another dry inert material. Shovel into suitable unsealed containers, transport to well-ventilated area (outside) and treat with neutralizing solution: mixture of water (80%) with non-ionic surfactant Tergitol TMN-10 (20%); or water (90%), concentrated ammonia (3-8%) and detergent (2%).

Environmental precautions

Section 7: Handling and Storage

Precautions for safe handling

Handling:	Handling procedures:Avoid all skin contact and ventilate adequately, otherwise wear an appropriate breathing apparatus. Always adopt precautionary measures against build-up of static which may arise from appliances, handling and the containers in which product is packed. Avoid breathing vapours or mist. Ground handling equipment. Handle and open container with care. Employees should wash hands and face before eating or drinking. Keep away from heat, sparks, and open flame.

Conditions for safe storage, including any incompatibilities

Storage:	Storage needs:Keep away from heat, sparks, and open flames. Keep container closed when not in use. Store away from oxidizing and reducing materials. Store away from sunlight.

Section 8: Exposure Controls/Personal Protection

Exposure Guidelines

Exposure Guidelines - Ingredient Based:

ACETONE:

OSHA PEL PEL:	1,000 ppm
OSHA PEL STEL:	Not established
NIOSH REL:	250 ppm
ACGIH TLV TWA:	500 ppm
ACGIH TLV STEL:	750 ppm

PROPANE:

ACGIH TLV TWA:	1,000 ppm No data

OSHA PEL STEL:	Not established
NIOSH REL:	1,000 ppm
ACGIH TLV STEL:	750 ppm
OSHA PEL PEL:	1,000 ppm

ISOBUTANE:

ACGIH TLV TWA:	Not established No data
ACGIH TLV STEL:	Not established
OSHA PEL PEL:	Not established
OSHA PEL STEL:	Not established
NIOSH REL:	800 ppm

TALC:

ACGIH TLV TWA:	2 mg/m3
ACGIH TLV STEL:	No data
OSHA PEL PEL:	2 mg/m3
OSHA PEL STEL:	No data
NIOSH REL:	2 mg/m3

ACRYLIC POLYMER:

ACGIH TLV TWA:	No data No data
ACGIH TLV STEL:	No data
OSHA PEL PEL:	No data
OSHA PEL STEL:	No data
NIOSH REL:	No data

ISOBUTYL ACETATE:

ACGIH TLV TWA:	150 ppm
ACGIH TLV STEL:	Not established
OSHA PEL PEL:	150 ppm
NIOSH REL:	150 ppm
NIOSH REL:	150 ppm

XYLENE:

ACGIH TLV TWA:	100 ppm
OSHA PEL PEL:	100 ppm
OSHA PEL STEL:	Not established
NIOSH REL:	Not established

ACGIH TLV STEL:	150 ppm

TOLUENE:

ACGIH TLV TWA:	20 ppm
ACGIH TLV STEL:	Not established
OSHA PEL PEL:	200 ppm
OSHA PEL STEL:	500 ppm 10 minutes
NIOSH REL:	100 ppm / STEL 150 ppm

ISOPROPYL ALCOHOL:

ACGIH TLV TWA:	200 ppm
ACGIH TLV STEL:	400 ppm
OSHA PEL PEL:	400 ppm
OSHA PEL STEL:	500 ppm
NIOSH REL:	400 ppm

CALCIUM CARBONATE:

ACGIH TLV TWA:	No data No data
OSHA PEL PEL:	5 mg/m3
ACGIH TLV STEL:	No data
OSHA PEL STEL:	No data
NIOSH REL:	5 mg/m3

BLACK IRON OXIDE:

ACGIH TLV TWA:	5 mg/m3
ACGIH TLV STEL:	Not established
OSHA PEL STEL:	Not established
NIOSH REL:	5 mg/m3
OSHA PEL PEL:	10 mg/m3

CARBON BLACK:

ACGIH TLV TWA:	3.5 mg/m3 No data
ACGIH TLV STEL:	Not established
OSHA PEL PEL:	3.5 mg/m3
OSHA PEL STEL:	Not established
NIOSH REL:	3.5 mg/m3

DIBUTYL PHTHALATE:

ACGIH TLV TWA:	5 mg/m3
ACGIH TLV STEL:	Not established

OSHA PEL PEL:	5 mg/m3
OSHA PEL STEL:	Not established
NIOSH REL:	35 mg/m3

Appropriate engineering controls

Ventilation:	Provide natural or mechanical ventilation to control exposure levels below airborne exposure limits. Local mechanical exhaust ventilation should be used at sources of air contamination, such as open process equipment, or during purging operations, to capture gases and fumes that may be emitted. Standard reference sources regarding industrial ventilation (ie. ACGIH industrial ventilation) should be consulted for guidance about adequate ventilation. .

Individual protection measures

Eye Protection:	Liquid chemical goggles.
Hand Protection:	Gloves/ type:Chemical resistant gloves.
Protective Clothing:	Clothing/type:Wear adequate protective clothes.
Respiratory Protection:	Local exhaust ventilation is recommended. Wear an appropriate, properly fitted respirator when contaminant levels exceed the recommended exposure limits.
Other Protective:	Other/type:Emergency showers and eye wash stations should be available.
Notes from Section 8:	Footwear/type:Safety boots per local regulations.

Section 9: Physical and Chemical Properties

Physical and chemical properties

Physical State:	Liquid
Color:	Black.
Odor:	Ketone odour.
pH:	Not applicable.
Boiling Temperature:	Boiling point (deg C):56°C.
Flash Point:	-17.0°C
Flash Point Method:	Closed Cup.
Ignition Temperature:	(deg C): Not available.
Lower Flammable Limit:	1.
Upper Flammable Limit:	12.6.
Vapor Pressure:	Vapour pressure (mm Hg): No data.
Vapor Density:	Vapour density (air=1): >1.
Freezing Temperature:	Freezing point (deg C): -40°C.
Solubility:	Slightly soluble in water.
Specific Gravity:	Not available.
Evaporation Rate:	Moderate.
VOC Content:	2.77 lb/usg - 331.92 g/L.
Viscosity:	Not available.
Odor Threshold:	Odour threshold (ppm): No data.
Octanol Water Partition Coef:	No data.

Section 10: Stability and Reactivity

Reactivity:

Reactivity:	Reactivity conditions:Avoid heat, sparks and flames. Explosive reactions can occur in the presence of strong oxidizing agents.

Chemical Stability:

Chemical Stability:	Stable at normal temperatures and pressures.

Possibility of hazardous reactions:

Hazardous Polymerization:	Will not occur under normal temperature and pressure.

Conditions To Avoid:
Incompatible Materials:

Incompatible Materials:	Keep away from heat. Incompatible with strong oxidizers.
Hazardous Decomposition Products:	Hazardous products of decomposition: Oxides of carbon (CO,CO2).

Section 11: Toxicological Information

Toxicological Information:

Product:

Eye Toxicity:	Can cause redness, irritation, tissue destruction.
Skin Toxicity:	Can cause moderate irritation, defatting and dermatitis
Ingestion Toxicity:	Aspiration of material into lungs can cause chemical pneumonitis which can be fatal. May be harmful or fatal if swallowed.
Inhalation Toxicity:	Solvent vapours may be irritating to the eyes, nose and throat, resulting in redness, burning and itching of eyes, dryness of the throat and tightness in the chest. Breathing of high vapour concentrations may cause anesthetic effects and serious health effects.
Acute Health Effects:	Effects of acute exposure: The aromatic hydrocarbon solvents in this product can be irritating to the eyes, nose and throat. In high concentration, they may cause central nervous system depression and narcosis characterized by nausea, lightheadedness and dizziness from overexposure by inhalation.
Route of Exposure:	Eye contact. Skin contact. Inhalation.
Chronic Inhalation Toxicity:	Chronic exposure to organic solvent vapors have been associated with various neurotoxic effects including permanent brain and/or nervous system damage, kidney, liver, blood damage and reproductive effects among women. Symptoms may include nausea, vomiting, abdominal pain, headache, impaired memory, loss of coordination, insomnia and breathing difficulties. Excessive inhalation of vapours can cause respiratory irritation, dizziness, headache, nausea and asphyxiation.
Carcinogenicity:	Carcinogenicity of material: Carbon black is known to the State of California to cause cancer and developmental effects.
Reproductive Toxicity:	Toluene is known by the State of California to cause adverse fetal developmental effects. Dibutyl phthalate is known by the State of California to cause reproductive toxicity.
Notes from Section 11:	Skin absorption: Chronic skin exposure to solvents may cause effects similar to those identified under chronic inhalation.

TALC:

Acute Toxicity:	LC50:No data LD50:No data

XYLENE:

Acute Toxicity: LC50:6350 ppm 4 hours rat
LD50:>3523 mg/kg rat oral

ISOBUTANE:

Acute Toxicity: LC50:52 mg/L 1 hour mouse
LD50:No data

ISOBUTYL ACETATE:

Acute Toxicity: LC50:>13.24 mg/L /6 h rat
LD50:13,400 mg/kg rat oral > 5000 mg/kg rabbit dermal

TOLUENE:

Acute Toxicity: LC50:8000 ppm rat inhalation
LD50:5,000 mg/kg rat oral; 12,124 mg/kg rabbit dermal

PROPANE:

Acute Toxicity: LC50:>1,464 mg/L 15 minutes rat
LD50:No data

BLACK IRON OXIDE:

Acute Toxicity: LC50:No data
LD50:>10,000 mg/kg rat oral

DIBUTYL PHTHALATE:

Acute Toxicity: LC50:25 g/m3/2 hr mouse
LD50:8000 mg/kg rat oral

ISOPROPYL ALCOHOL:

Acute Toxicity: LC50:16,000 ppm 8 hours rat
LD50:5,000 mg/kg rat oral 12,800 mg/kg rabbit dermal

CARBON BLACK:

Acute Toxicity: LC50:No data
LD50:>8,000 mg/kg oral (rat)

CALCIUM CARBONATE:

Acute Toxicity: LC50:No data
LD50:6450 mg/kg rat oral

ACRYLIC POLYMER:

Acute Toxicity: LC50:No data
LD50:No data

ACETONE:

Acute Toxicity: LC50:50,100 mg/m3 8 hours ratinhalation
LD50: 5,800 mg/kg rat oral

Section 12: Ecological Information

Ecotoxicity:

Product:

Potential Environmental Effects: Do not allow to enter waters, waste water or soil.

Persistence and degradability:

Product:

Biodegredation: No data.

Section 13: Disposal Considerations

Description of waste:

Waste Disposal: This material and its container must be disposed of as hazardous waste. Avoid release to the environment. Dispose of waste in accordance with all applicable Federal, Provincial/State and local regulations.

Section 14: Transport Information

Transportation: TDG Classification:UN1950 - AEROSOLS, flammable - Class 2.1 - This product meets limited quantity exemption when shipped in containers less than 1 Litre.
DOT Classification (Road):UN1950 - AEROSOLS, flammable - Class 2.1 - Ltd Qty (1 Liter/0.26 Gallons).
IATA Classification (Air): UN1950 - AEROSOLS, flammable - Class 2.1 - Limited Quantity.
IMDG Classification (Marine): UN1950 - AEROSOLS - Class 2.1 - EmS: F-D, S-U - Limited Quantity.
Marine Pollutant: Potential marine pollutant.
Proof of Classification: In accordance with Part 2.2.1 of the Transportation of Dangerous Goods Regulations (July 2, 2014) - we certify that classification of this product is correct. .

Section 15: Regulatory Information

Safety, health and environmental regulations specific for the product:

Regulatory - Product Based:

Notes 1:

WHMIS classification:A. B5. D2A. D2B.
CEPA status: On Domestic Substances List (DSL). OSHA: This product is considered hazardous under the OSHA Hazard Communication Standard.
SARA Title III Section 302 - extremely hazardous : None. substances Section 311/312 - hazard categories: Immediate health, delayed health, fire hazard. Section 313:Toluene. Xylene. Isopropyl alcohol. Dibutyl phthalate.
EPA hazardous air pollutants (HAPS):Xylene. Toluene.
40CFR63 TSCA inventory status: All components are listed.
California Proposition 65: This product contains Toluene known to the State of California to cause (developmental) reproductive toxicity. This product contains Carbon Black known to the State of California to cause cancer. This product contains Dibutyl Phthalate which is known by the State of California to cause (developmental) reproductive toxicity.

Section 16: Additional Information

Creation Date: 2018-11-09

Revision Date: 2018-12-04 14:39:58

NFPA:

Other Information: