Safety Data Sheet

according to the Hazardous Products Regulation (February 11, 2015)

Date of issue: 02/08/2017

Revision date: 02/08/2017

Version: 1.0

SECTION 1: Identification

1.1. Product identifier Product form

: Mixtures

Product name

: Muffler Cement

Product code

: 450

1.2. Recommended use and restrictions on use

Recommended uses and restrictions

: Muffler Cement

1.3. Supplier

Kleen-Flo Tumbler ind, Ltd. 75 Advance Boulevard L6T 4N1 Brampton - CANADA T 905-793-4311

1.4. Emergency telephone number

Emergency number

: CANUTEC (613) 996-6666

Guidelines for SDS Use: The product described in this SDS is a consumer product. It is safe for use by consumers as described on the product label under normal foreseeable conditions. This SDS is designed to provide additional valuable safety and handling information.

SECTION 2: Hazard identification

2.1. Classification of the substance or mixture

Classification (GHS-CA)

Acute Tox. 4 (Oral)

H302

Skin Irrit. 2 Eye Irrit, 2A

H315

2.2. GHS Label elements, including precautionary statements

GHS-CA labelling

Hazard pictograms (GHS-CA)



Signal word (GHS-CA)

: Warning

Hazard statements (GHS-CA)

: H302 - Harmful if swallowed H315 - Causes skin imitation H319 - Causes serious eye irritation

Precautionary statements (GHS-CA)

: P264 - Wash hands thoroughly after handling

P270 - Do not eat, drink or smoke when using this product

P280 - Wear protective gloves, eye protection, face protection
P301+P312 - IF SWALLOWED: Call a POISON CENTER or doctor if you feel unwell

P302+P352 - IF ON SKIN: Wash with plenty of water
P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove

contact lenses, if present and easy to do. Continue rinsing

P330 - Rinse mouth

P332+P313 - If skin irritation occurs: Get medical advice/attention P337+P313 - If eye irritation persists: Get medical advice/attention P362+P364 - Take off contaminated clothing and wash it before reuse

P501 - Dispose of contents/container to hazardous or special waste collection point, in

accordance with local, regional, national and/or international regulation

2.3. Other hazards

No additional information available

2.4. Unknown acute toxicity (GHS-CA)

40% of the mixture consists of ingredient(s) of unknown acute toxicity (Oral)

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable 02/08/2017

EN (English)

Page 1

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		: Avoid contact with skin and eyes. Avoid breathing dust/fume/gas/mist/vapours/spray. Do not swallow. Handle and open container with care. When using do not eat, drink or smoke.

Safety Data Sheet

according to the Hazardous Products Regulation (February 11, 2015)

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions

: Keep out of the reach of children. Keep container tightly closed. Store in a dry, cool and well-

ventilated place.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

No additional information available

8.2. Appropriate engineering controls

Appropriate engineering controls

: Use ventilation adequate to keep exposures (airborne levels of dust, fume, vapor, etc.) below

recommended exposure limits.

Environmental exposure controls

: Maintain levels below Community environmental protection thresholds.

8.3. Individual protection measures/Personal protective equipment

Hand protection:

Wear chemically resistant protective gloves.

Eye protection:

Wear approved eye (properly fitted dust- or splash-proof chemical safety goggles) / face (face shield) protection.

Skin and body protection:

Wear suitable protective clothing

Respiratory protection:

In case of insufficient ventilation, wear suitable respiratory equipment. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.

Other information:

Do not eat, smoke or drink where material is handled, processed or stored. Wash hands carefully before eating or smoking. Handle according to established industrial hygiene and safety practices.

SECTION 9: Physical and chemical properties

	hemical properties	

Physical state : Solid

Appearance : Paste
Colour : Grey
Odour : Odourless

Odour threshold : No data available

pH : 9-11.3

Relative evaporation rate (butylacetate=1) : No data available Relative evaporation rate (ether=1) No data available Melting point : No data available Freezing point : Not applicable **Boiling point** : > 230 °C / 446 °F Flash point : No data available Auto-ignition temperature : No data available Decomposition temperature : No data available Flammability (solid, gas) Non flammable Vapour pressure 24 mm Hg at 25 °C

Vapour pressure at 50 °C : No data available Relative vapour density at 20 °C : 0.6 (air = 1)

Relative density : 1.7

Solubility : No data available
Partition coefficient n-octanol/water : No data available
Viscosity, kinematic : Thick viscous paste
Explosive limits : No data available

9.2. Other Information

VOC (%) : 30 – 35 %

02/08/2017 EN (English) 3/5

Safety Data Sheet

according to the Hazardous Products Regulation (February 11, 2015)

10.1. Reactivity

Reactivity : No dangerous reaction known under conditions of normal use.

Chemical stability : Stable under normal storage conditions.

Possibility of hazardous reactions : No dangerous reaction known under conditions of normal use.

Conditions to avoid : Heat.
Incompatible materials : None known.

Hazardous decomposition products : May include, and are not limited to: oxides of carbon.

SECTION 11: Toxicological Information

11.1. Information on toxicological effects

Acute toxicity (oral) : Oral: Harmful if swallowed.

Acute toxicity (dermal) : Not classified.
Acute toxicity (inhalation) : Not classified.

Muffler Cement	
D50 oral rat 1 - 2.2 g/kg	
No data available	
No data available	
40% of the mixture consists of ingredient(s) of unknown acute toxicity (Oral)	
- Parister	

 Sodium silicate (1344-09-8)

 LD50 oral rat
 1960 mg/kg

Skin corrosion/irritation : Causes skin irritation.

pH: 9 - 11.3

Serious eye damage/imitation : Causes serious eye imitation.

pH: 9 - 11.3

Respiratory or skin sensitization : Not classified.
Germ cell mutagenicity : Not classified.
Carcinogenicity : Not classified.
Reproductive toxicity : Not classified.
STOT-single exposure : Not classified.
STOT-repeated exposure : Not classified.

STOT-repeated exposure : Not classified.
Aspiration hazard : Not classified.

Other information : Likely routes of exposure: ingestion, inhalation, skin and eye.

Symptoms/injuries after inhalation : May cause respiratory tract irritation,

Symptoms/injuries after skin contact : Causes skin irritation. Symptoms may include redness, edema, drying, defatting and cracking

of the skin.

Symptoms/injuries after eye contact : Causes serious eye irritation. Symptoms may include discomfort or pain, excess blinking and

tear production, with marked redness and swelling of the conjunctiva.

Symptoms/injuries after ingestion : Harmful if swallowed. May cause stomach distress, nausea or vomiting.

SECTION 12: Ecological information

12.1. Toxicity

Ecology - general : May cause long-term adverse effects in the aquatic environment.

Sodium silicate (1344-09-8)		
LC50 fish 1	301 - 478 mg/l (Exposure time: 96 h - Species: Lepomis macrochirus)	
	3185 mg/l (Exposure time: 96 h - Species: Brachydanio rerio [semi-static])	

12.2. Persistence and degradability

Muffler Cement	
Ministratif	The contract of the contract o
Descriptions and description	
Persistence and degradability	Not established.
<u> </u>	

12.3. Bioaccumulative potential

_			
- 180	M 60		
- 63	Muffler Cement	Control of the Contro	State of the second
28			
1	Bioaccumulative potential		
· L.	Dioaccumulative potential	Not established.	1

02/08/2017

Safety Data Sheet

according to the Hazardous Products Regulation (February 11, 2015)

Sodium silicate (1344-09-8)	
BCF fish 1	(no bioaccumulation expected)

12.4. Mobility in soil

No additional information available

12.5. Other adverse effects

No additional information available

SECTION 13: Disposal considerations

13.1. Disposal methods

Product/Packaging disposal recommendations

This material must be disposed of in accordance with all local, state, provincial, and federal regulations. The generation of waste should be avoided or minimized wherever possible.

SECTION 14: Transport Information

14.1. Basic shipping description

In accordance with TDG

Transportation of Dangerous Goods

Not regulated for transport

14.2. Transport information/DOT

No additional information available

14.3. Air and sea transport

No additional information available

SECTION 15: Regulatory information

15.1. National regulations

All components of this product are listed, or excluded from listing, on the Canadian DSL (Domestic Substances List) and NDSL (Non-Domestic Substances List) inventories.

15.2. International regulations

No additional information available

SECTION 16: Other information

Date of issue

: 02/08/2017

Revision date

: 02/08/2017

Other information

: None.

Prepared by

by : Kleen-Fio Tumbler Ind. Ltd.

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02/08/2017 EN (English) 5/5