SAFETY DATA SHEET

1. Identification

Product identifier Silicone Ceramic Extreme Brake Parts Lube

Other means of identification None Recommended use Grease None known. **Recommended restrictions**

Manufacturer/Importer/Supplier/Distributor information

Manufacturer

Company name **ITW Permatex Canada Address** 35 Brownridge Road, Unit 1

Halton Hills, ON L7G 0C6

Canada

Telephone 1-905-693-8900 Not available. e-mail 1-877-504-9352 **Emergency phone number** See above. Supplier

2. Hazard identification

Physical hazards Not classified. Not classified **Health hazards** Not classified. **Environmental hazards**

Label elements

None Hazard symbol None Signal word

The mixture does not meet the criteria for classification. **Hazard statement**

Precautionary statement

Observe good industrial hygiene practices. Prevention

Response Wash hands after handling.

Storage Store away from incompatible materials.

Disposal Dispose of waste and residues in accordance with local authority requirements.

Other hazards None known.

Supplemental information None

3. Composition/information on ingredients

Mixtures

Non hazardous by WHMIS Criteria.

4. First-aid measures

Inhalation If symptoms develop move victim to fresh air. If symptoms persist, obtain medical attention. Skin contact Flush with cool water. Wash with soap and water. Obtain medical attention if irritation persists. Eye contact Flush with cool water. Remove contact lenses, if applicable, and continue flushing. Obtain

medical attention if irritation persists.

Ingestion Rinse mouth. Do not induce vomiting. If vomiting occurs naturally, have victim lean forward to

Direct contact with eyes may cause temporary irritation.

reduce risk of aspiration. Get medical attention if symptoms occur.

Most important

symptoms/effects, acute and

delayed

Treat symptomatically.

Indication of immediate medical attention and special

treatment needed

General information

If you feel unwell, seek medical advice (show the label where possible). Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Show this safety data sheet to the doctor in attendance. Avoid contact with eyes and skin. Keep out of reach of children.

#27243 Page: 1 of 5 Issue date 04-May-2016 5. Fire-fighting measures

Suitable extinguishing media

Unsuitable extinguishing

media

Water fog. Foam. Dry chemical powder. Carbon dioxide.

Not available.

Not available.

Specific hazards arising from

the chemical

During fire, gases hazardous to health may be formed.

Hazardous combustion

products

Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

Special protective equipment and precautions for firefighters

Fire fighting

equipment/instructions

ing Move containers from fire area if you can do so without risk.

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 Keep unnecessary personnel away. For personal protection, see section 8.

Methods and materials for containment and cleaning up

Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Cover with plastic sheet to prevent spreading. Absorb in vermiculite, dry sand or earth and place into containers. Never return spills in original containers for re-use. Clean surface thoroughly to remove residual contamination. Following product recovery, flush area with water. For waste

disposal, see section 13 of the SDS.

Environmental precautions

Do not discharge into lakes, streams, ponds or public waters.

7. Handling and storage

Precautions for safe handling

Avoid contact with eyes.

Observe good industrial hygiene practices.

Wash thoroughly after handling. When using do not eat or drink.

Conditions for safe storage, including any incompatibilities

Store in original tightly closed container.

Store away from incompatible materials (see Section 10 of the SDS).

Keep out of reach of children.

8. Exposure controls/Personal protection

Occupational exposure limits

No exposure limits noted for ingredient(s).

Biological limit values

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

Exposure guidelines

Not applicable.

Appropriate engineering

controls

Ensure adequate ventilation.

Individual protection measures, such as personal protective equipment

Eye/face protection Wear safety glasses with side shields (or goggles).

Skin protection

Hand protection Natural or butyl rubber, nitrile or neoprene gloves.

Other As required by employer code.

Respiratory protection Where exposure guideline levels may be exceeded, use an approved NIOSH respirator.

Thermal hazards Not applicable.

General hygiene considerations

When using do not eat or drink.

9. Physical and chemical properties

AppearanceSemi SolidPhysical stateSolid.FormSolid.ColourOrangeOdourMild

Odour threshold Not available.
pH Not available.

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Not available. Melting point/freezing point Initial boiling point and boiling Not available.

range

Flash point > 260.0 °C (> 500.0 °F) Cleveland open cup

< 1 Butyl acetate = 1 **Evaporation Rate** Not applicable. Flammability (solid, gas)

Upper/lower flammability or explosive limits Flammability limit - lower Not available.

(%)

Flammability limit - upper

(%)

Not available.

Not available. Explosive limit - lower (%) Not available. Explosive limit - upper

(%)

Not available. Vapour pressure > 1 Air = 1 Vapour density Relative density 0.94

Solubility(ies)

Solubility (Water) Insoluble Partition coefficient Not available.

(n-octanol/water)

Auto-ignition temperature Not available. Not available. **Decomposition temperature** Not available. Viscosity

Other information

Explosive properties Not explosive. Not oxidising. **Oxidizing properties**

0 % VOC (Weight %)

10. Stability and reactivity

May react with incompatible materials. Reactivity **Chemical stability** Material is stable under normal conditions. Possibility of hazardous Hazardous polymerisation does not occur.

reactions

Conditions to avoid

Do not mix with other chemicals.

Incompatible materials Strong oxidizing agents.

Hazardous decomposition

products

May include and are not limited to: halogenated compounds Oxides of carbon.

11. Toxicological information

Information on likely routes of exposure

Inhalation May cause respiratory tract irritation.

Skin contact No adverse effects due to skin contact are expected. Eye contact Direct contact with eyes may cause temporary irritation. Ingestion May cause stomach distress, nausea or vomiting

Symptoms related to the physical, chemical and toxicological characteristics Direct contact with eyes may cause temporary irritation.

Information on toxicological effects

Not available. Acute toxicity

Prolonged skin contact may cause temporary irritation. Skin corrosion/irritation

Exposure minutes Not available. Not available. Ervthema value Oedema value Not available.

Serious eye damage/eye

irritation

Direct contact with eyes may cause temporary irritation.

#27243 Page: 3 of 5 Issue date 04-May-2016 Corneal opacity value

Iris lesion value
Conjunctival reddening

Not available.

Not available.

value

Conjunctival oedema value Not available.

Recover days Not available.

Respiratory or skin sensitisation

Respiratory sensitisation

Not a respiratory sensitizer.

Skin sensitisation

This product is not expected to cause skin sensitisation.

Germ cell mutagenicity

No data available to indicate product or any components present at greater than 0.1% are

mutagenic or genotoxic.

Carcinogenicity

Not classified.

Reproductive toxicity

This product is not expected to cause reproductive or developmental effects.

Specific target organ toxicity -

single exposure

Not classified

Specific target organ toxicity -

repeated exposure

Not classified.

Aspiration hazard

Not an aspiration hazard.

Chronic effects

Not available.

Further information

This product has no known adverse effect on human health.

12. Ecological information

Ecotoxicity

Not available.

Persistence and degradability

No data is available on the degradability of this product.

Bioaccumulative potential

No data available.

No data available.

Mobility in soil

Mobility in general

Not 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

Collect and reclaim or dispose in sealed containers at licensed waste disposal site.

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. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see:

Disposal instructions).

Contaminated packaging

Since emptied containers may retain product residue, follow label warnings even after container is emptied. Empty containers should be taken to an approved waste handling site for recycling or

disposal.

14. Transport information

General

Canada: TDG Proof of Classification: In accordance with Part 2.2.1 (SOR/2014-152) of the Transportation of Dangerous Goods Regulations, we certify that the classification of this product is correct as of the SDS date of issue. If applicable, the technical name and the classification of the product will appear below.

Transportation of Dangerous Goods (TDG - Canada)

Not regulated as dangerous goods.

15. Regulatory information

Canadian federal regulations

This product has been classified in accordance with the hazard criteria of the HPR and the SDS contains all the information required by the HPR.

Export Control List (CEPA 1999, Schedule 3)

Not listed.

Greenhouse Gases

Not listed.

Precursor Control Regulations

Not regulated.

WHMIS status Not Controlled

Inventory Status

Country(s) or region Inventory Name On Inventory (Yes/No)*

 Canada
 Domestic Substances List (DSL)
 Yes

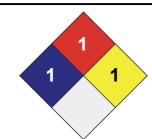
 Canada
 Non-Domestic Substances List (NDSL)
 No

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

16. Other information

LEGEND	
Severe	4
Serious	3
Moderate	2
Slight	1
Minimal	0





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Other information For an updated SDS, please contact the supplier/manufacturer listed on the first page of the

document.

DisclaimerThe information in the sheet was written based on the best knowledge and experience currently

available. Information contained herein was obtained from sources considered technically accurate and reliable. While every effort has been made to ensure full disclosure of product hazards, in some cases data is not available and is so stated. Since conditions of actual product use are beyond control of the supplier, it is assumed that users of this material have been fully trained according to the requirements of all applicable legislation and regulatory instruments. No warranty,

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Prepared by Dell Tech Laboratories Ltd. Phone: (519) 858-5021