

# SAFETY DATA SHEET TOUGH GARD®

#### 1. IDENTIFICATION

Product identifier \*\* TOUGH GARD® Anti-Spatter Liquid

Other means of identification None

**Recommended use** Protect welding torch components from excessive spatter accumulation.

**Recommended restrictions** None known.

#### Manufacturer/Importer/Supplier/Distributor information

Manufacturer

Company name Tregaskiss

Address 2570 North Talbot Road, Windsor, Ontario, N0R 1L0, Canada

**Telephone** 1-855-644-9353

E-mail <u>techsupport@tregaskiss.com</u>

**Emergency phone number** 1-519-737-3000 (8:00 a.m. to 5:00 p.m., time zone: -5)

**Supplier** Not available.

#### 2. HAZARD IDENTIFICATION

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

Other hazards None known.

Supplemental information None known.

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

#### **Mixtures**

Chemical name	Common name and synonyms	CAS number	%
Polyethylene Glycol		25322-68-3	<30

All concentrations are in percent by weight unless ingredients is a gas. Gas concentrations are in percent by volume.

#### 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 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

Indication of immediate medical attention and special

treatment needed General information Direct contact with eyes may cause temporary irritation.

Treat symptomatically.

Ensure that medical personnel are aware of the material(s) involved, and take

precautions to protect themselves.

#### 5. FIRE-FIGHTING MEASURES

Suitable extinguishing media

Unsuitable

extinguishing media

Specific hazards arising from

the chemical

Special protective equipment And precautions for firefighters

Fire fighting

equipment/instructions

Specific methods
General fire hazards

Foam. Powder. Carbon dioxide (CO2).

Do not use water jet as an extinguisher, as this will spread the fire.

During fire, gases hazardous to health may be formed.

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

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

Use standard firefighting procedures and consider the hazards of other involved materials.

No unusual fire or explosion hazards noted.

#### **6. ACCIDENTAL RELEASE MEASURES**

Personal precautions, protective equipment and emergency procedures Methods and materials for

Methods and materials for containment and cleaning up

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

Use water spray to reduce vapors or divert vapor cloud drift. This product is miscible in water. Following product recovery, flush area with water.

Never return spills to original containers for re-use. For waste disposal, see section 13 of the SDS.

Avoid discharge into drains, water courses or onto the ground.

# 7. HANDLING AND STORAGE

**Environmental precautions** 

Precautions for safe handling Conditions for safe storage,

Observe good industrial hygiene practices

Conditions for safe storage, including any incompatibilities

Store in tightly closed container. Store away from incompatible materials (see section 10 of the

SDS).

#### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational exposure limits

Biological limit values
Appropriate engineering

controls

No exposure limits noted for ingredient(s).

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

Good general ventilation should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have

not been established, maintain airborne levels to an acceptable level.

Individual protection measures, such as personal protective equipment

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

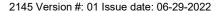
**Hand protection** Wear appropriate chemical resistant gloves.

**Other** Wear suitable protective clothing.

Respiratory protection Thermal hazards

In case of insufficient ventilation, wear suitable respiratory equipment.

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 Not available. Form Liquid.

Color Green Translucent.

Odor Odorless. **Odor threshold** Not available.

Hq 8.5

28.4 °F (-2 °C) Melting point/freezing point

Initial boiling point and boiling 212 °F (100 °C) @ 760 mm Hg

range

Flash point Non-flammable.

**Evaporation rate** < 0.01 (n-Butyl acetate = 1.00)

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 17.5 mm Hg @ 20 C (water)

Vapor density Same as water. Relative density Not available.

Solubility(ies)

Solubility (water) 100 % water-soluble.

Not available. **Partition coefficient** 

(n-octanol/water)

Not available. **Auto-ignition temperature Decomposition temperature** Not available. 1.02 cP 25 C **Viscosity** 

Other information

**Explosive properties** Not explosive. Oxidizing properties Not oxidizing.

Specific gravity 1.022 (Water = 1.00)

# 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 No dangerous reaction known under conditions of normal use.

reactions

Conditions to avoid Avoid temperatures exceeding the decomposition temperature. Contact with incompatible

materials.

Incompatible materials Strong oxidizing agents.

**Hazardous decomposition** 

Carbon oxides.

**Products** 



#### 11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Inhalation No adverse effects due to inhalation are expected. Skin contact No adverse effects due to skin contact are expected. Eye contact Direct contact with eyes may cause temporary irritation.

Ingestion Expected to be a low ingestion hazard.

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

Information on toxicological effects

**Acute toxicity** Not expected to be acutely toxic.

Skin corrosion/irritation Prolonged skin contact may cause temporary irritation. Direct contact with eyes may cause temporary irritation. Serious eye damage/eye

irritation

Respiratory or skin sensitization

Respiratory sensitization Not a respiratory sensitizer.

Skin sensitization This product is not expected to cause skin sensitization.

No data available to indicate product or any components present at greater than Germ cell mutagenicity

0.1% are mutagenic or genotoxic.

Carcinogenicity Not available.

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 available.

# 12. ECOLOGICAL INFORMATION

**Ecotoxicity** The product is not classified as environmentally hazardous. However, this does not exclude the

No data is available on the degradability of any ingredients in the mixture.

possibility that large or frequent spills can have a harmful or damaging effect on the environment.

Persistence and degradability

Bioaccumulative potential

No data available. Mobility in soil Not established. Other adverse effects None known.

# 13. DISPOSAL CONSIDERATIONS

**Disposal instructions** Local disposal regulations Hazardous waste code

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

Dispose in accordance with all applicable regulations.

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).

Since emptied containers may retain product residue, follow label warnings even after container Contaminated packaging

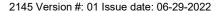
is emptied. Empty containers should be taken to an approved waste handling site for recycling

or disposal.

## 14. TRANSPORT INFORMATION

## **TDG**

Not regulated as dangerous goods.





#### IATA

Not regulated as dangerous goods.

#### **IMDG**

Not regulated as dangerous goods.

Transport in bulk according to Not applicable.

Annex II of MARPOL 73/78 and Not applicable.

the IBC Code

# 15. REGULATORY INFORMATION

Canadian 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.

#### **Controlled Drugs and Substances Act**

Not regulated.

Export Control List (CEPA 1999, Schedule 3)

Not listed.

**Greenhouse Gases** 

Not listed.

**Precursor Control Regulations** 

Not regulated.

International regulations

**Stockholm Convention** 

Not applicable.

**Rotterdam Convention** 

Not applicable.

**Kyoto protocol** 

Not applicable.

Montreal protocol Not applicable.

**Basel Convention** 

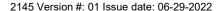
Not applicable.

# 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)	Yes
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
Taiwan	Taiwan Chemical Substance Inventory (TCSI)	Yes
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	Yes

<sup>\*</sup>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**

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The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text. We cannot anticipate all conditions under which this information and its product, or the products of other manufacturers in combination with its product, may be used. It is the user's responsibility to ensure safe conditions for handling, storage and disposal of the product, and to assume liability for loss, injury, damage or expense due to improper use.