SAFETY DATA SHEET

according to Regulation (EC) No. 1272/2008

Tableau Black Grate Polish		**Ref 580/5**
Version 2.0	Revision Date 3/11/16	Print Date 3/11/16

1. Identification of the substance/mixture and of the company/undertaking

Commercial name :	Tableau Black Grate Polish
Product type :	Stove & Grate Polish
Intended / Recommended Use :	Blackening stoves
Manufacturer Name and address :	RPM Marketing (Sussex) PO Box 1 BEXHILL ON SEA East Sussex TN39 3ZQ Tel 01424 224620 info@tableauproducts.com
Emergency telephone number :	01424 575131 Ext 4 Office Hours (Mon- Fri 9am-5pm) only.

2. Hazards identification

2.1. Classification of the substance or mixture

Classification (EC 1272/2008)

Physical and Chemical Hazards Not classified.

Human health EUH066;Asp. Tox. 1 - H304

Environment Not classified.

2.2. Label elements

EC No. 926-141-6

Contains Hydrocarbons, C11-14, n-alkanes, isoalkanes, cyclic, <2% aromatics

Label In Accordance With (EC) No. 1272/2008

Signal Word Danger

Hazard Statements

H304 May be fatal if swallowed and enters airways.

Precautionary Statements

P301+310 IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.

P331 Do NOT induce vomiting.

Supplemental label information

EUH066 Repeated exposure may cause skin dryness or cracking.

2.3. Other hazards

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Name	Range	EINECS	CAS	OEL	Classification
Hydrocarbons, C11-14, n-alkanes, isoalkanes, cyclic, <2% aromatics	<25%	926-141-6	64742-47-8		EUH066;Asp. Tox. 1 - H304
Water	<50%		7732-18-5		Non Hazardous
Nonylphenol, ethoxylate, branched	<3%	500-209-1	68412-54-4		Acute toxicity (Oral) Category 4 - H302 Serious eye damage/eye irritation Cat. 1 - H318 Chronic aquatic toxicity Category 2 - H411
Carbon Black	<20%	215-609-9	1333-86-4		Not defined as a dangerous substance or preparation according to Council Directive 67/548/EEC and its various amendments and adaptations
Graphite	<20%	231-955-3	7782-42-5		Non Hazardous
A complex mixture of hydrocarbon waxes	<20%	265-134-6	8021-55-4		Non Hazardous
1,2-Benzisothiazolin-3-one	<0.04%	220-120-9	2634-33-5		Acute Tox.4; H302 Skin Irrit.2; H315 Eye Dam.1; H318 Skin Sens.1; H317 Aquatic Acute1; H400
Sodium hydroxide	<0.02%	215-185-5	1310-73-2		Skin Corr.1A; H314

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.
REACH Registration notes This is a MIXTURE; no registration information contained in this document . Horizon Products Limited are classed as Downstream User.

4. First aid measures

EYE SKIN Immediately flush eye(s) with plenty of water. If symptoms persist, call a physician.

INGESTION Wash off immediately with soap and plenty of water. If symptoms persist, call a physician.

INHALATION Rinse mouth with water. Do Not induce vomiting. Call a physician immediately.

5. Firefighting measures Move to fresh air. If symptoms persist, call a physician.

SUITABLE EXTINGUISHERS:

Extinguishers Not To Be Used: Carbon dioxide (CO2) Water spray jet, Dry powder, Foam

SPECIAL EQUIPMENT: High volume water jet

In case of fire of large quantities of product, self contained breathing apparatus should be worn.

HAZARDOUS COMBUSTION PRODUCT: Hydrogen fluoride Carbon dioxide (CO2) Carbon monoxide. The product itself does not burn.

EXPOSURE HAZARDS:

Further information : In case of fire do not inhale smoke, conflagration gases and steams.
Use water spray to cool unopened containers.
Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

6. Accidental release measures

PERSONAL PRECAUTIONS:	Evacuate personnel to safe areas. Use personal protective equipment. Ventilate the area.
ENVIRONMENTAL PRECAUTIONS:	Do not discharge to streams, ponds, lakes or sewers. Avoid subsoil penetration.
METHODS FOR CLEANING UP:	Contain the spilled liquid with sand or an inert absorbent material. Transfer used material to a suitable waste container and dispose of in accordance with local regulations.

7. Handling and storage

HANDLING: Avoid contact with skin, eyes and clothing. Do not spray on a naked flame or any incandescent material.

STORAGE: To avoid thermal decomposition, do not overheat. Thermal decomposition can lead to release of irritating gases and vapours.

8. Exposure controls/personal protection

Respiratory Protection:	Use only in area provided with appropriate exhaust ventilation.
Hand Protection:	Impervious gloves, Wash hands before breaks
Eye Protection:	Wear safety glasses or coverall chemical splash goggles.
Skin Protection:	Lightweight protective clothing
OCCUPATIONAL EXPOSURE LIMITS	None assigned for this product.
ENVIRONMENTAL EXPOSURE CONTROLS:	Not required in normal use.

9. Physical and chemical properties

Appearance :	Black Paste
Odour :	Petroleum Solvent
Flash point :	62˚C Abel Closed Cup
Ignition temperature :	Not Available
Lower explosion limit :	Not Available
Upper explosion limit :	Not Available
Flammability (solid, gas) :	Not Available
Oxidizing properties :	Not Available
Autoignition temperature :	230˚C
pH :	Not Available
Melting point :	Not Available
Boiling point :	190 - 280°C
Vapour pressure :	Not Available
Density :	Not Available
Water solubility :	Not Available
Partition coefficient: n- octanol/water :	Not Available
Solubility in other solvents :	Not Available
Viscosity, dynamic :	Not Available
Viscosity, kinematic :	Not Available
Relative vapour density :	Not Available
Evaporation rate :	Not Available
Other information Oxidising potential :	Not Available

10. Stability and reactivity Note: no data available

Reactivity	Stable under recommended storage conditions.
Chemical stability	Stable under normal conditions.
Possibility of hazardous reactions Hazardous reactions :	No dangerous reaction known under conditions of normal use.
Conditions to avoid Conditions to avoid :	not applicable
Incompatible materials Materials to avoid :	not applicable
Hazardous decomposition products Thermal decomposition :	No decomposition if stored and applied as directed. Incompletely burned carbon products Other hazardous decomposition products may be formed.

11. Toxicological information

11.1. Information on toxicological effects
Acute toxicity:
Acute Toxicity (Oral LD50)
> 5000 mg/kg Rat
Acute Toxicity (Dermal LD50)
> 5000 mg/kg Rabbit
Acute Toxicity (Inhalation LC50)
> 5000 mg/l (vapours) Rat
Respiratory or skin sensitisation:
There is no evidence that the material can lead to respiratory hypersensitivity.
Not Sensitising.
Germ cell mutagenicity:
Negative.
Negative.
Carcinogenicity:
No evidence of carcinogenicity
Specific target organ toxicity - repeated exposure:
No known effects based on information supplied.
Aspiration hazard:
Viscosity
The fluid can enter the lungs and cause damage (chemical pneumonitis, possibly fatal).
Inhalation
Vapour may irritate respiratory system or lungs. In high concentrations, vapours are narcotic and may cause headache, fatigue, dizziness and nausea. Central nervous system depression.
Ingestion
Harmful if swallowed. Risk of severe pulmonary problems in case of accidental aspiration.
Skin contact
Prolonged contact may cause dryness of the skin. Repeated exposure may cause skin dryness or cracking.
Eye contact
May cause temporary eye irritation.

12. Ecological information

12.1. Toxicity
Acute Fish Toxicity
Exotoxicological studies have shown a very low order of toxicity with this type of material.
LC 50, 96 Hrs, Fish mg/l >1000 ppm
Acute Toxicity - Fish
LC50 96 hours > 1000 mg/l Onchorhynchus mykiss (Rainbow trout)
EC 50, 48 Hrs, Daphnia, mg/l >250ppm
Acute Toxicity - Aquatic Invertebrates
EC50 48 hours > 1000 mg/l Daphnia magna
IC 50, 72 Hrs, Algae, mg/l 20ppm
12.2. Persistence and degradability
Degradability
The product is expected to be biodegradable.
12.3. Bioaccumulative potential
Bioaccumulative potential
The product has the potential to bio-accumulate.
12.4. Mobility in soil
Mobility:
Substance is a UVCB. Standard tests for this endpoint are not applicable.
12.5. Results of PBT and vPvB assessment
Not Classified as PBT/vPvB by current EU criteria.
12.6. Other adverse effects

13. Disposal considerations

Contents:	Under conditions of expected use the product will be disposed of at the end of its life into the normal domestic refuge system No adverse effects are expected.

Large quantities should be disposed of in accordance with local regulations.

Empty Containers: Dispose of in accordance with local regulations.

Product packaging may be recycled where facilities are available.

14. Transport information

General Not regulated.

14.1. UN number

UN No. (ADR/RID/ADN) N/A

14.2. UN proper shipping name

14.3. Transport hazard class(es)

14.4. Packing group

14.5. Environmental hazards

14.6. Special precautions for user

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

15. Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

Guidance Notes

Workplace Exposure Limits EH40.

EU Legislation

Regulation (EC) No 1907/2006 REACH. Regulation (EC) No 1272/2008 CLP.

National Regulations

The substance is listed in the following International Inventories or exempt: AICS (AU) TSCA (US) DSL (CA) ENCS (2)-676 (JP) IECSC (CN) EINECS/ELINCS KECL NZIOc

15.2. Chemical Safety Assessment

A chemical safety assessment has been carried out.

16. Other information Full text of R-phrases referred to under sections 2 and 3

Risk Phrases In Full

R65 Harmful: may cause lung damage if swallowed.

R66 Repeated exposure may cause skin dryness or cracking.

Hazard Statements In Full

EUH066 Repeated exposure may cause skin dryness or cracking.

H304 May be fatal if swallowed and enters airways.

General information

This product is classified as R66 « Repeated exposure may cause skin dryness or cracking » and/or labeled EUH066 « Repeated exposure may cause skin dryness or cracking ». The risk relates to the potential for repeated or prolonged dermal contact. The risk arising from contact is solely related to the physico-chemical properties of the substance. The risk can therefore be controlled by implementing risk management measures tailored to this specific hazard and included within section 8 of the Safety Data Sheet. An exposure scenario is not required. This product is classified as R65 «Harmful: may cause lung damage if swallowed» and/or H304 «May be fatal if swallowed and enters airways». The risk relates to potential for aspiration. The risk arising from aspiration hazard is solely related to the physico-chemical properties of the substance. The risk can therefore be controlled by implementing risk management measures tailored to this specific hazard. An exposure scenario is not required.

Disclaimer:

The information contained in this data sheet is, to the best of our knowledge and belief, and is based upon our technical knowledge of the product and accurate the date of issue.

No warranty or representation, express or implied, is made as to its accuracy, reliability or completeness.

We will not be responsible for any damage or injury resulting from any inherent hazard of the material, the abnormal use of the material or from failure to adhere to recommendation.