Safety Data Sheet
According to SANS 10234:2008 and SANS 11014: 2010
Date of Issue: 29/11/2018 Revision Date 11/03/2021 | Version 6.0

Product name

PROFESSIONAL GLOSS ENAMEL TINT BASE (TGE RANGE)

SECTION 1: IDENTIFICATION

GHS product identifier : Professional Gloss Enamel Tint Base (TGE Range)

Other means of identification : Tint Bases for PSB 800.

Relevant identified uses of the substance or mixture and uses advised against

Identified uses : Used as a tint for **PSB 800**

Supplier's details : Kansai Plascon (Pty) Ltd
P.O. Box 4010
Luipaardsvlei
1743

Emergency phone : (011) 951 4500 (within hours of operation)
Facsimile : (011) 955 2841
National Contact Person : Dr N. Pretorius-Makan

SECTION 2: HAZARDOUS IDENTIFICATION

Classification of the substance or mixture : ASPIRATION HAZARD - Category 1
SPECIFIC TARGET ORGAN TOXICITY REPEATED EXPOSURE – Category 1

Label elements according to : SANS 10234: 2008

Hazard pictograms :

Signal word : Danger
Hazard statements : H304 - May be fatal if swallowed and enters airways.
H372 - Causes damage to organs through prolonged or repeated exposure.

Precautionary statements

General label at hand. : P101 - If medical advice is needed, have product container or
P102 - Keep out of reach of children.
P103 - Read label before use.

Prevention : P260 - Do not breathe vapor.
P264 - Wash hands thoroughly after handling.
P280 - Wear protective gloves,protective clothing,eye protection or face protection.

Response : P301+310 - IF SWALLOWED: Immediately call a physician.
P301+330+331 - IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

Storage : P233 Keep container tighly closed.

Disposal regulation. : P501 - Dispose of contents/containers in accordance with local

Other hazards which do not result in classification : None identified.

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

Substance/mixture : Mixture

Other means of identification : Tint Bases for PSB 800.

CAS number/other identifiers
CAS number : Not applicable.

Ingredient name	CAS number	%	SANS 10234 Classification
Solvent naphtha (petroleum), medium aliph.	64742-88-7	5.0-10.0	Asp.Haz.1, H304 STOT RE 2, H373
Solvent naphtha (petroleum), heavy arom.	64742-94-5	5.0-10.0	Asp. Haz. 1, H304

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section. Occupational exposure limits, if available, are listed in Section 8.

SECTION 4: FIRST AID MEASURES

Description of necessary first aid measures

Eye contact : Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation persist.

Inhalation : Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.

Skin contact : Remove contaminated clothing and shoes. Wash contaminated Skin with soap or a recognised skin cleaner and plenty of water. Avoid the use of solvents. Get medical attention if symptoms persist. Wash clothing before reuse. Clean shoes thoroughly before reuse.

Ingestion : Remove victim to fresh air and keep at rest in a position Comfortable for breathing. Wash out mouth with water. Remove dentures if any. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention if adverse health effects persist or are severe.

Most important symptoms/ effects, acute and delayed

Potential acute health effects

Eye contact : No known significant effects or critical hazards.
Inhalation : No known significant effects or critical hazards.
Skin contact : No known significant effects or critical hazards.
Ingestion : No known significant effects or critical hazards.

Over-exposure signs/symptoms

Eye contact : No known significant effects or critical hazards.
Inhalation : No known significant effects or critical hazards.
Skin contact : No known significant effects or critical hazards.
Ingestion : No known significant effects or critical hazards.

Indication of immediate medical attention and special treatment needed, if necessary

Notes to physician	: Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
Specific treatments	: No specific treatment.
Protection of first-aiders	: No action shall be taken involving any personal risk or without Suitable training. If it is suspected that fumes are still present, the rescuer. should wear an appropriate mask or self-contained breathing apparatus. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Wash contaminated clothing thoroughly with water before removing it, or wear gloves.

See toxicological information (Section 11)

SECTION 5: FIRE-FIGHTING MEASURES

Extinguishing media

Suitable extinguishing media	: Use an extinguishing agent suitable for the surrounding fire such as dry powder, CO_2, water spray (fog) or foam. Use fog to cool and control.
Unsuitable extinguishing media	: Do not use water jet.
Specific hazards arising from from the chemical	: Flammable liquid and vapour. In a fire or if heated, a pressure increase will occur and the container may burst, with the risk of a subsequent explosion. Runoff to sewer may create fire or explosion hazard. Fire water contaminated with this material must be contained and prevented from being discharged to any waterway, sewer or drain.
Hazardous thermal decomposition products	: Decomposition products may include the following materials carbon dioxide carbon monoxide metal oxide/oxides
Special protective actions for fire-fighters	: Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken

involving any personal risk or without suitable training. Move containers from fire area if this can be done without risk. Use water spray to keep fire-exposed containers cool.

Special protective equipment for fire-fighters : Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face piece operated in positive pressure mode.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

For non-emergency personnel : No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Put on appropriate personal protective equipment.

For emergency responders : If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".

Environmental precautions : Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

Methods and materials for containment and cleaning up

Small spill : Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose via a licensed waste disposal contractor.

Large spill : Stop leak if without risk. Move containers from spill area. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non

combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations (see section 13). Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilled product. Note: see section 1 for emergency contact information and section 13 for waste disposal.

SECTION 7: HANDLING AND STORAGE

Precautions for safe handling : Put on appropriate personal protective equipment (see Section 8). Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. Avoid exposure obtain special instructions before use. Avoid exposure during pregnancy. Do not handle until all safety precautions have been read and understood. Do not get in eyes or on skin or clothing. Do not breathe vapor or mist. Do not ingest. Use only with adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Do not enter storage areas and confined spaces unless adequately ventilated. Store and use away from heat, sparks, open flame or any other ignition source. Use explosion-proof electrical (ventilating, lighting and material handling) equipment. Use only non-sparking tools. Take precautionary measures against electrostatic discharges.

Conditions for safe storage, including any incompatibilities : Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well ventilated area, away from incompatible materials (see section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination. Do not reuse container.

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

Occupational exposure limits

Ingredient name	Exposure limits
Solvent naphtha (petroleum), medium aliph.	**ACGIH (US):** STEL: 200 ppm TWA: 100 ppm
Solvent naphtha (petroleum), heavy arom.	**ACGIH (US):** TWA: 100 ppm; 525 mg/m³

Recommended monitoring procedures : If this product contains ingredients with exposure limits, personal, workplace atmosphere or biological monitoring may be required to determine the effectiveness of the ventilation or other control measures and/or the necessity to use respiratory protective equipment.

Appropriate engineering controls : No special ventilation requirements. Good general ventilation should be sufficient to control worker exposure to airborne contaminants. If this product contains ingredients with exposure limits, use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure below any recommended or statutory limits.

Environmental exposure controls : Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

Individual protection measures

Hygiene measures : Wash hands, forearms and face thoroughly after handling Chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

Eye/face protection : Avoid direct contact. Never touch eyes with dirty hands or

gloves. Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts.

Hand protection : Chemical-resistant, impervious gloves complying with an Approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary.

Body protection : Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

Other skin protection : Appropriate footwear and any additional skin protection Measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

Respiratory protection : Use a properly fitted, air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this is necessary e.g. in case of insufficient ventilation. 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.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Physical state : Liquid

Colour : White

Odor : No data available

Odor threshold : No data available

pH : Not applicable

Melting point : Not applicable

Boiling point : 117 - 200 °C

Flash point	: 38°C
Evaporation rate	: No data available
Flammability (solid, gas)	: No data available
Lower and upper explosive (flammable) limits	: No data available
Vapor pressure	: No data available
Vapor density	: No data available
Relative density	: 0.87 - 1.03 (typical)
Solubility	: Soluble in organic solvents
Partition coefficient, n-octanol/water	: No data available
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Viscosity at 23°C	: 68 - 72KU

SECTION 10: STABILITY AND REACTIVITY

Reactivity	: No specific test data related to reactivity available for this product or its ingredients.
Chemical stability	: Stable under normal conditions.
Possibility of hazardous reactions	: Under normal conditions of storage and use, hazardous reactions will not occur.
Conditions to avoid	: No available data.
Incompatible materials	: No available data.

Hazardous decomposition products : Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11: TOXICOLOGICAL INFORMATION

Acute Toxicity

Product/ingredient name	Result	Species	Dose	Exposure
Solvent naphtha (petroleum), medium aliph.	LD50 Oral LD50 Dermal LC50 Inhalation	Rat Rabbit Rats	>2000 mg/kg >2000 mg/kg <20 m/l	- - 4 hours

Irritation/Corrosion

Product/ingredient name	Result	Species	Score	Exposure	Observation
Solvent naphtha (petroleum), medium aliph.	Skin - Irritation Eye - Irritation	Rabbit Rabbit	<6 <15	- -	Mild irritant Moderate irritant
Solvent naphtha (petroleum), heavy arom.	Skin - Irritation Eye - Irritation	Rabbit Rabbit	<6 <15	- -	Mild irritant Moderate irritant

Specific target organ toxicity (single exposure)
No data available

Specific target organ toxicity (repeated exposure)

Name	Category	Route of exposure	Target Organs
Solvent naphtha (petroleum), medium aliph.	Category 2	Not determined	Not determined

Aspiration hazard

Name	Result
Solvent naphtha (petroleum), medium aliph.	ASPIRATION HAZARD - Category 1
Solvent naphtha (petroleum), heavy arom.	ASPIRATION HAZARD - Category 1

Information on the likely routes of exposure : Inhalation, skin and eye contact.

Potential acute health effects
Eye contact : No known significant effects or critical hazards.
Inhalation : No known significant effects or critical hazards.
Skin contact : No known significant effects or critical hazards.
Ingestion : No known significant effects or critical hazards.

Symptoms related to the physical, chemical and toxicological characteristics

Eye contact : No known significant effects or critical hazards.
Inhalation : No known significant effects or critical hazards.
Skin contact : No known significant effects or critical hazards.
Ingestion : No known significant effects or critical hazards.

Potential Chronic health effects

General : Causes damage to organs through prolonged or repeated exposure.
Carcinogenicity : No known significant effects or critical hazards.
Mutagenicity : No known significant effects or critical hazards.
Teratogenicity : No known significant effects or critical hazards
Developmental effects : No known significant effects or critical hazards.
Fertility effects : No known significant effects or critical hazards.

Acute toxicity estimates
No data available.

SECTION 12: ECOLOGICAL INFORMATION

Toxicity

Product/Ingredient name	Result	Species	Exposure
Solvent naphtha (petroleum), medium aliph.	Acute LC/EC50 8.1 mg/l Acute LC/EC50 6 mg/l Acute LC/EC50 9.4 mg/l	Fish - Salmon Aquatic - Daphnia magna Algae - Green algae	96 hours 48 hours 8 hours

Persistence and degradability
No data available

Bioaccumalitive potential
No data available

Mobility in soil
Soil/ water partition coefficient (KOC) : No data available.
Mobility : No data available.
PBT/vPvB data : P : No data available.
B : No data available.
T : No data available.

Other adverse effects : No known significant effects or critical hazards.

SECTION 13: DISPOSAL CONSIDERATIONS

Disposal methods : The generation of waste should be avoided or minimized

wherever possible. Significant quantities of waste product residues should not be disposed of via the foul sewer but processed in a suitable effluent treatment plant. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Care should be taken when handling emptied containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

SECTION 14: TRANSPORT INFORMATION

	Transportation - road - SANS 10228:2012	Transportation- Maritime - IMO/ IMDG	Transportation- Air - IATA
UN number	Not Regulated	Not Regulated	Not Regulated
UN proper shipping name	Not Regulated	Not Regulated	Not Regulated
Transport hazard class(es)	Not Regulated	Not Regulated	Not Regulated
Packing group	Not Regulated	Not Regulated	Not Regulated
Environmental hazards	Not Regulated	Not Regulated	Not Regulated
Additional information	Not Regulated	Not Regulated	Not Regulated
Transport in bulk according to Annex II of MARPOL 73/78 and the IBC code	No data available	No data available	No data available

SECTION 15: REGULATORY INFORMATION

Safety, health and environmental regulations

specific for the product : Relevant information regarding authorization: Occupational Health and Safety Act 1993 Regulation for Hazardous Chemical Substances. Relevant information regarding restrictions: None known. EU regulations: Regulation EC 1272/2008 [EU-GHS/CLP] and EU directives 67/548/EEC or EC 1999/45/EC Other National regulations: None. Standards used for PPE recommendations in Section 8: NIOSH-National Institute for Occupational Health and Safety (USA) EN 166 European standard which concerns the area of eye protection. EN 374-3 European standards for permeation and penetration. EN 141/EN 143 European standards for gas mixtures to remove specified gases and vapours or combined filters for removing solids, and/or liquid particles and specified gases and vapours.

SECTION 16: OTHER INFORMATION

History

Date of printing : 11/03/2021

Date of previous issue : 22/09/2020

Key to abbreviations : ATE = Acute Toxicity Estimate
BCP Bioconcentration Factor
GHS = Globally Harmonized System of Classification and Labelling of Chemicals
IATA = International Air Transport Association
IBC = Intermediate Bulk Container
IMDG = International Maritime Dangerous Goods
LogPow = logarithm of the octanol/water partition coefficient
MARPOL 73/78 = International Convention for the Prevention of Pollution from Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution)
OHSA = Occupational Health and Safety Act, 1993 (South Africa)
RID = The Regulations concerning the International Carriage of Dangerous Goods by Rail
UN = United Nations

References : Supplier safety data sheets.

Further information:

This information is based upon the present state of our knowledge. This SDS has been compiled and is solely intended for this product.

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