Easy Living Gloss Enamel (ELE range)

Section 1. Identification

GHS product identifier : Easy Living Gloss Enamel (ELE range)

Other means of identification : A high quality solvent based enamel with a high gloss finish.

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

Identified uses : Used as a decorative and protective finish on interior and exterior mild steel, galvanised steel, timber and masonry.

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 : Mr C. Costa

Section 2. Hazards identification

Classification of the substance or mixture : FLAMMABLE LIQUID- Category 3
SKIN CORROSION/IRRITATION- Category 2
ACUTE TOXICITY- Category 4
SERIOUS EYE DAMAGE/IRRITATION- Category 2
SPECIFIC TARGET ORGAN TOXICITY SINGLE EXPOSURE- Category 3
ASPIRATION TOXICITY- Category 1
AQUATIC TOXICITY CHRONIC- Category 2

Label elements according to : SANS 10234: 2008

Hazard pictograms :

Signal word : Danger

Hazard statements : H226- Flammable liquid and vapour.
H303- May be harmful if swallowed.
H304- May be fatal if swallowed and enters airways
H312- Harmful if in contact with skin
H315- Causes skin irritation.
H319 – Causes serious eye irritation
H332- Harmful if inhaled
H336- May cause drowsiness or dizziness
H411- Toxic to aquatic life with long-lasting effects

Precautionary statements

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

**Prevention:**
- P202: Do not handle until all safety precautions have been read and understood.
- P501: Dispose of contents/containers in accordance with local regulation.
- P233: Keep container tightly closed.
- P261: Avoid breathing vapours/spray.
- P262: Do not get in eyes, on skin, or on clothing.
- P270: Do not eat, drink or smoke when using this product.
- P271: Use only outdoors or in a well-ventilated area.
- P273: Avoid release to the environment.
- P280: Wear protective gloves/protective clothing/eye protection/face protection.
- P285: In case of inadequate ventilation wear respiratory protection.

**Response:**
- P314: Get medical advice/attention if you feel unwell.
- P391: Collect spillage.
- P301+330+331: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
- P303+361+353: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
- P304+340: IF INHALED: Remove person to fresh air and keep comfortable for breathing.
- P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing.
- P333+313: If skin irritation or a rash occurs: Get medical advice/attention.
- P337+313: If eye irritation persists get medical advice/attention.
- P361+364: Take off immediately all contaminated clothing and wash it before reuse.
- P362+364: Take off contaminated clothing and wash it before reuse.
### Easy Living Gloss Enamel (ELE range)

- **P370+380**: In case of fire: Evacuate area.
- **Storage**: P410- Protect from sunlight.
- **P402+404**: Store in a dry place. Store in a closed container.
- **P403+235**: Store in a well ventilated place. Keep cool.

### Section 3. Composition/information on ingredients

<table>
<thead>
<tr>
<th><strong>Substance/mixture</strong></th>
<th><strong>Other means of identification</strong></th>
<th><strong>CAS number/other identifiers</strong></th>
<th><strong>CAS number</strong></th>
<th><strong>%</strong></th>
<th><strong>SANS 10234 Classification</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>Mixture</td>
<td>Solvent based enamel</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>CAS number</strong></td>
<td><strong>Ingredient name</strong></td>
<td><strong>Hydrocarbon blend (C9-C11 n-Parafins)</strong></td>
<td>64771-72-8</td>
<td>5.0-15.0</td>
<td>Flam. Liq. 3, H226, Asp. Tox 1, H304, STOT SE 3, H336, Aquatic Chronic 3, H412</td>
</tr>
<tr>
<td><strong>Medium Aliphatic Petroleum Solvent</strong></td>
<td></td>
<td></td>
<td>64742-88-7</td>
<td>20.0-30.0</td>
<td>Acute Tox. 4, H332, Acute Tox. 5, H303, Asp. Tox 1, H304, Skin Irrit. 2, H315, Eye Irrit. 2B, H320, Aquatic Chronic 2, H411, Flam. Liq. 3, H226</td>
</tr>
<tr>
<td><strong>Heavy Aromatic Petroleum Solvent</strong></td>
<td></td>
<td></td>
<td>64742-94-5</td>
<td>&lt;10.0</td>
<td>Acute Tox. 4, H332, Acute Tox. 5, H303, Asp. Tox 1, H304, Skin Irrit. 2, H315, Eye Irrit. 2B, H320, Aquatic Chronic 2, H411, Flam. Liq. 3, H226</td>
</tr>
<tr>
<td><strong>Xylene</strong></td>
<td></td>
<td></td>
<td>1330-20-7</td>
<td>&lt;2.0</td>
<td>Flam. Liq. 3, H226, Acute Tox. 4, H312, Acute Tox. 4, H332, Skin Irrit. 2, H315, Eye Irrit. 2, H319</td>
</tr>
</tbody>
</table>

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 occurs.

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

Skin contact: Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.

Ingestion: Wash out mouth with water. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.

Most important symptoms/effects, acute and delayed

Potential acute health effects

Eye contact: Causes serious eye irritation.

Inhalation: Harmful if inhaled. Irritating and narcotic. Can affect central nervous system.

Skin contact: Harmful if in contact with skin. Risk of dermatitis.

Ingestion: Harmful if swallowed.

Over-exposure signs/symptoms

Eye contact: Adverse symptoms may include pain or irritation, watering or redness.

Inhalation: Adverse symptoms may include nausea or vomiting, headache, drowsiness/fatigue or dizziness/vertigo.

Skin contact: Adverse symptoms may include irritation or redness.

Ingestion: May cause damage to organs through prolonged or repeated exposure.

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.

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 foam, CO2 or dry powder. Use fog to cool and control.
For non-extinguishing media: Do NOT use water jets.

Specific hazards arising from the chemical: In a fire or if heated, a pressure increase will occur and the container may burst. Cool containers in case of fire.

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.

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). Water polluting material. May be harmful to the environment if released in large quantities.

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 of 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.
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. Do not get in eyes or on skin or clothing. Do not ingest. Avoid breathing vapor or mist. Keep away from ignition sources. No open flames. No smoking. Avoid free fall of liquid – use earthing.

Conditions for safe storage, Including any Incompatibilities: Store in accordance with local regulations. Store in a segregated and approved area. 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 unlabeled containers. Use appropriate containment to avoid environmental contamination.

Section 8. Exposure controls/personal protection

Occupational exposure limits

<table>
<thead>
<tr>
<th>Ingredient name</th>
<th>Exposure limits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hydrocarbon blend (C9-C11 n-Paraffins)</td>
<td>ACGIH: TWA: 350 mg/m³</td>
</tr>
<tr>
<td>Heavy Aromatic Petroleum Solvent</td>
<td>ACGIH TLV: TWA: 525 mg/m³ TWA: 100ppm</td>
</tr>
<tr>
<td>Xylene</td>
<td>OHSA: TWA STEL: 150 ppm  TWA STEL: 655 mg/m³</td>
</tr>
</tbody>
</table>

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: Avoid direct contact. 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: Avoid direct contact. 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 with organic vapour filter cartridge (e.g. A1B1E1 type) 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: Viscous liquid

Colour: White (ELE 1) and standard colours as per colour card. Also available in a wide range of INSPIRED COLOUR tints: Pastel (ELE 1000), Deep (ELE 2000), Transparent (ELE 3000)

Odor: No data available

Odor threshold: No data available

pH: Not applicable
Easy Living Gloss Enamel (ELE range)

Melting point: Not applicable
Boiling point: No data available
Flash point: >23°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: 1.08 (Typical)
Solubility: Soluble in organic solvents, insoluble in water
Partition coefficient, n-octanol/water: No data available
Auto-ignition temperature: No data available
Decomposition temperature: No data available
Viscosity: 68 – 72 KU

Section 10. Stability and reactivity

Reactivity: No specific test data related to reactivity available for this product or its ingredients.

Chemical stability: The product is stable.
Possibility of hazardous reactions: Under normal conditions of storage and use, hazardous reactions will not occur.

Conditions to avoid: Avoid all possible sources of ignition (spark or flame). Do not pressurize, cut, weld, braze, solder, drill, grind or expose containers to heat or sources of ignition.

Incompatible materials: Inert - no reaction with fire-fighting water.
Hazardous decomposition products: Under normal conditions of storage and use, hazardous decomposition products should not be produced.
### Section 11. Toxicological information

#### Acute Toxicity

<table>
<thead>
<tr>
<th>Product/ingredient name</th>
<th>Result</th>
<th>Species</th>
<th>Dose</th>
<th>Exposure</th>
</tr>
</thead>
<tbody>
<tr>
<td>Xylene</td>
<td>LC50 Inhalation Gas LD50 Oral</td>
<td>Rat</td>
<td>5000 ppm 4300 mg/kg</td>
<td>4 hours -</td>
</tr>
</tbody>
</table>

#### Irritation/Corrosion

<table>
<thead>
<tr>
<th>Product/ingredient name</th>
<th>Result</th>
<th>Species</th>
<th>Score</th>
<th>Exposure</th>
<th>Observation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Xylene</td>
<td>Eyes - Mild irritant Skin - Moderate irritant</td>
<td>Rabbit</td>
<td>-</td>
<td>87 milligrams 100 Percent</td>
<td>-</td>
</tr>
</tbody>
</table>

#### Specific target organ toxicity (single exposure)

<table>
<thead>
<tr>
<th>Name</th>
<th>Category</th>
<th>Route of exposure</th>
<th>Target Organs</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hydrocarbon blend (C9-C11 n-Paraffins)</td>
<td>Category 3</td>
<td>Not determined</td>
<td>Not determine</td>
</tr>
</tbody>
</table>

#### Specific target organ toxicity (repeated exposure)

<table>
<thead>
<tr>
<th>Name</th>
<th>Route of exposure</th>
<th>Target Organs</th>
</tr>
</thead>
<tbody>
<tr>
<td>None</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

#### Aspiration hazard

<table>
<thead>
<tr>
<th>Name</th>
<th>Result</th>
</tr>
</thead>
<tbody>
<tr>
<td>Medium Aliphatic Petroleum Solvent</td>
<td>ASPIRATION HAZARD - Category 1</td>
</tr>
<tr>
<td>Heavy Aromatic Petroleum Solvent</td>
<td>ASPIRATION HAZARD - Category 1</td>
</tr>
</tbody>
</table>

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

#### Potential acute health effects

- **Eye contact**: Causes serious eye irritation.
- **Inhalation**: Harmful if inhaled. Irritating and narcotic. Can affect central nervous system.
- **Skin contact**: Harmful if in contact with skin. Risk of dermatitis.
- **Ingestion**: Harmful if swallowed.

#### Symptoms related to the physical, chemical and toxicological characteristics

- **Eye contact**: Pain or irritation, watering and redness.
- **Inhalation**: Nausea, headache, drowsiness/fatigue, dizziness/vertigo.
- **Skin contact**: Irritation, redness.
- **Ingestion**: May cause damage to organs through prolonged or repeated exposure.

#### Potential Chronic health effects

- **General**: Once sensitized, a severe allergic reaction may occur when subsequently exposed to very low levels.
- **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

<table>
<thead>
<tr>
<th>Product/Ingredient name</th>
<th>Result</th>
<th>Species</th>
<th>Exposure</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hydrocarbon blend (C9-C11 n-Paraffins)</td>
<td>Acute EC50: 2990 ppm</td>
<td>Aquatic Toxicity: Bluegill sunfish</td>
<td>24 hours</td>
</tr>
<tr>
<td>Xylene</td>
<td>Acute LC50 8500 ug/L Marine water</td>
<td>Crustaceans - Palaemonetes Pugio</td>
<td>48 hours</td>
</tr>
<tr>
<td></td>
<td>Acute LC50 3300 to 4093 ug/L Fresh water</td>
<td>Fish - Onchorhynchus mykiss - 0.6 g</td>
<td>96 hours</td>
</tr>
</tbody>
</table>

#### Persistence and degradability

<table>
<thead>
<tr>
<th>Product/Ingredient name</th>
<th>Aquatic half-life</th>
<th>Photolysis</th>
<th>Biodegradability</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hydrocarbon blend (C9-C11 n-Paraffins)</td>
<td>-</td>
<td>-</td>
<td>Not readily biodegradable</td>
</tr>
<tr>
<td>Xylene</td>
<td>Fresh water &lt;28 days</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

#### Bioaccumulative potential

<table>
<thead>
<tr>
<th>Product/Ingredient name</th>
<th>LogP&lt;sub&gt;ow&lt;/sub&gt;</th>
<th>BCF</th>
<th>Potential</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hydrocarbon blend (C9-C11 n-Paraffins)</td>
<td>3.3 and 5.25</td>
<td>190 to 5800</td>
<td>-</td>
</tr>
<tr>
<td>Xylene</td>
<td>3.12</td>
<td>20</td>
<td>Low</td>
</tr>
</tbody>
</table>

#### Mobility in soil

- Soil/water partition coefficient (K<sub>OC</sub>): 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

This material and its container must be disposed of in a safe way. 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 – potential for spontaneous combustion. Take care with used containers. 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 be avoided.
Section 14. Transport information

<table>
<thead>
<tr>
<th></th>
<th>Transportation - road - SANS 10228:2012</th>
<th>Transportation- Maritime - IMO/ IMDG</th>
<th>Transportation- Air - IATA</th>
</tr>
</thead>
<tbody>
<tr>
<td>UN number</td>
<td>1263</td>
<td>1263</td>
<td>1263</td>
</tr>
<tr>
<td>UN proper shipping name</td>
<td>Paint related material</td>
<td>Paint related material</td>
<td>Paint related material</td>
</tr>
<tr>
<td>Transport hazard class(es)</td>
<td>3</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Packing group</td>
<td>III</td>
<td>III</td>
<td>III</td>
</tr>
<tr>
<td>Marine pollutant</td>
<td>No</td>
<td>No</td>
<td>No</td>
</tr>
<tr>
<td>Additional information</td>
<td>No data available</td>
<td>Emergency schedules (EmS) F-A, S-F</td>
<td>Passenger and Cargo Aircraft</td>
</tr>
<tr>
<td>Transport in bulk</td>
<td>No data available</td>
<td>No data available</td>
<td>No data available</td>
</tr>
</tbody>
</table>

It should only be considered when recycling is not feasible. 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 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: 13/07/2017
Date of previous issue: 20/06/2017

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
LogP_{ow} = logarithm of the octanol/water partition coefficient
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.

Notice to readers:
Employers should use this information only as a supplement to other information gathered by them, and should make independent judgement of suitability of this information to ensure proper use and protect the health and safety of employees.

This information is furnished without warranty, and any use of the product not in conformance with this Safety Data Sheet, or in combination with any other product or process, is the responsibility of the user.

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