MATERIAL SAFETY DATA SHEET

SECTION 1 — PRODUCT AND COMPANY IDENTIFICATION

Product identifier: **FARÉCLA PROFILE 100 PASTE RUBBING COMPOUND**
Product use: A general purpose rubbing compound for on production and tooling gelcoats.
Chemical Family: Mixture of pine oil and petroleum hydrocarbons.

Supplier's name and address:

Farecla Inc.
7160 Chagrin Falls
Suite 220, Chagrin Falls.
Ohio 44023 USA
Phone: 440-247-4700 (8 AM to 5 PM EST, Monday to Friday)

Manufacturer's name and address:

Farécla Products Ltd.
Broadmeads
Ware SG12 9HS
England

Emergency Tel.#: Not available

SECTION 2 — COMPOSITION/INFORMATION ON INGREDIENTS

			ACGIH TLV		OSHA PEL	
Ingredients	**CAS #**	**% (weight)**	**TWA**	**STEL**	**PEL**	**STEL**
Light White Mineral Oil	92062-35-6	10 – 30	N/Av	N/Av	N/Av	N/Av

This material is classified as hazardous under OSHA regulations (29CFR 1910.1200).

SECTION 3 — HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW
White paste. Mild paraffinic odor.
Warning! Combustible. Harmful if inhaled. Inhalation may cause respiratory irritation and Central Nervous System effects. May be harmful if swallowed. Causes skin irritation. May strongly irritate or burn the eye.

POTENTIAL HEALTH EFFECTS

Target organs: Eyes, skin, respiratory system, digestive system, central nervous system.
Routes of exposure: Skin contact, eye contact, inhalation, ingestion.
Signs and symptoms of short-term (acute) exposure:

Inhalation: Inhalation causes nasal and respiratory tract irritation. May cause dizziness, drowsiness, nausea, headache and other symptoms of central nervous system depression.
Skin: Direct skin contact may cause moderate irritation.
Eyes: Causes severe irritation. Could cause corrosive damage if not promptly removed. Symptoms may include stinging, tearing, redness and swelling.
Ingestion: Can cause irritation to the mouth, throat and stomach. Symptoms may include dizziness, drowsiness, nausea, headache and other symptoms of central nervous system depression. In present paste form, product is not likely to present an aspiration hazard. However if any liquid components separate from the paste, ingestion could cause aspiration and life-threatening lung injury.

Chronic effects: Repeated or prolonged skin exposure may result in drying, cracking and defatting of the skin (dermatitis). Prolonged or repeated overexposure may cause adverse kidney effects.
Conditions aggravated by exposure: Pre-existing skin, eye and respiratory disorders.
Carcinogenic status: See TOXICOLOGICAL INFORMATION, Section 11.
Additional health hazards: See TOXICOLOGICAL INFORMATION, Section 11.
Potential environmental effects: See ECOLOGICAL INFORMATION (Section 12).

SECTION 4 — FIRST AID MEASURES

Inhalation: Immediately remove person to fresh air. If breathing has stopped, begin artificial respiration. Obtain medical attention.

Skin contact: Wash skin thoroughly with mild soap and running water, while removing contaminated clothing. Obtain medical attention if irritation persists. Launder clothing before reuse.

Eye contact: Immediately flush eyes with running water for a minimum of 20 minutes. Obtain medical attention immediately.

Ingestion: Do not induce vomiting! Obtain medical attention immediately. Never give anything by mouth to an unconscious or convulsing person.

Note to Physicians: Treat symptomatically. This product may act as a CNS depressant.

SECTION 5 — FIRE FIGHTING MEASURES

Fire hazards/conditions of flammability: Combustible liquid and vapor. Product will ignite when exposed to extreme heat and flame. Closed containers are contained under pressure and will explode if exposed to excess heat or flame.

Flammability classification (OSHA 29 CFR 1910.1200): Class IIIA Combustible Liquid.

Flash point (Method): 84°C / 183.2^{o}F (closed cup)

Auto-ignition temperature: >250°C / 482°F

Lower flammable limit (% by vol.): N/Av

Upper flammable limit (% by vol.): N/Av

Explosion data: *Sensitivity to mechanical impact / static discharge:* N/Av.

Oxidizing properties: None known.

Suitable extinguishing media: Use foam, carbon dioxide, dry chemical or water spray.

Special fire-fighting procedures/equipment: Do not enter fire area without proper protection. Firefighters should wear proper protective equipment and self-contained breathing apparatus with full facepiece. Move containers from fire area if it can be done without risk. Water spray may be useful in cooling equipment exposed to heat and flame.

Hazardous combustion products: Carbon oxides, nitrogen oxides, sulfur oxides and other irritating fumes and smoke.

SECTION 6 — ACCIDENTAL RELEASE MEASURES

Personal precautions: Restrict access to area until completion of clean-up. Ensure clean-up is conducted by trained personnel only. All persons dealing with clean-up should wear the appropriate chemically protective equipment. Spills will case slippery surfaces. Consider the use of non-slip safety shoes. Keep all other personnel upwind and away from the spill/release. Refer to Section 8, EXPOSURE CONTROLS AND PERSONAL PROTECTION, for additional information on acceptable personal protective equipment.

Environmental precautions: Ensure any spilled liquid does not enter drains, sewers, waterways or confined spaces.

Spill response/Cleanup: Eliminate all sources of heat, sparks and flame. Ventilate area of release. Stop leak if you can do so without risk. Cover spilled material with inert, non-combustible absorbent material, such as vermiculite. Then shovel into suitable, labelled containers for later disposal (see Section 13). Contaminated absorbent material may pose the same hazards as the spilled product. Notify the appropriate authorities as required.

Prohibited materials: None known.

Special spill response procedures: In case of a transportation accident, contact CHEMTREC at 1-800-424-9300 or International at 1-703-527-3887. If a spill/release in excess of EPA reportable quantity is made into the environment, immediately notify the national response center in the United States (phone: 1-800-424-8002).

DOT/CERCLA Reportable quantity (RQ): None reported.

SECTION 7 — HANDLING AND STORAGE

Safe handling procedures: This material is a combustible, harmful paste. Wear protective equipment during handling. Use in a well ventilated area. Avoid breathing vapours or fumes, or dusts from dry product. Avoid contact with eyes, skin or clothing. When processing dry product, avoid generating high concentrations of airborne dusts. Keep away from sources of heat, flame, sparks, or ignition sources. Keep away from incompatibles (see section 10). Keep container closed when not in use. Wash hands before eating, drinking, smoking or use of toilet facilities. Launder contaminated clothing before reuse.

SECTION 7 — HANDLING AND STORAGE Continued

Storage requirements: Store in a cool, dry, well-ventilated area away from sources of heat, ignition and sunlight. Keep away from incompatibles. Inspect containers periodically for damage or leaks. No smoking in the area. Storage area should be clearly identified, clear of obstruction and accessible only to trained and authorized personnel.

Special packaging materials: Always keep in containers made of the same materials as the supply container.

SECTION 8 — EXPOSURE CONTROLS AND PERSONAL PROTECTION

Ventilation and engineering controls: Use adequate ventilation to maintain air contaminants below exposure limits. Local exhaust may be necessary.

Respiratory protection: Respiratory protection is required if the airborne concentration exceeds exposure limits. When concentrations exceed the exposure limits specified, use NIOSH/MSHA-approved air-purifying respirators. Advice should be sought from respiratory protection specialists.

Skin protection and other protective equipment: Protective gloves impervious to the material must be worn during use. Confirmation of what type of material is most suitable for the intended application, should be obtained from glove suppliers. Additional protective clothing, such as long sleeved shirts and aprons, are recommended to prevent skin contact. An eyewash station and safety shower should be made available in the immediate working area.

Eye / face protection: Use chemical splash goggles. A full face shield may also be necessary.

General hygiene considerations: Avoid breathing vapours or fumes, or dusts from dry product. Avoid contact with eyes, skin and clothing. Do not eat, drink or smoke when working. Upon completion of work, wash hands before eating, drinking, smoking or use of toilet facilities. Remove soiled clothing and wash it thoroughly before reuse.

Permissible exposure levels: For individual ingredient exposure levels, see Section 2.

SECTION 9 — PHYSICAL AND CHEMICAL PROPERTIES

Physical state, odor and appearance: Off -White paste. Mild paraffinic odor.

Odor threshold: N/Av.

Specific gravity: 1.57

Vapor pressure: N/Av.

Boiling point: N/Av.

Evaporation rate (n-Butyl acetate = 1): <0.01.

Coefficient of water/oil distribution: N/Av

Viscosity: 50,500 cps @ 20°C / 68°F

Solubility in water: Partially soluble.

Vapor density (Air = 1): N/Av

Freezing point: N/Av.

pH: 9.9

Volatiles (% by weight): <1%

SECTION 10 — REACTIVITY AND STABILITY DATA

Stability and reactivity: Stable under the recommended storage and handling conditions.

Hazardous polymerization: Will not occur.

Conditions to avoid: Heat, open flame, other sources of ignition and direct sunlight.

Materials to avoid (incompatibles): Strong oxidizers (e.g. Chlorine, Peroxides, etc.).

Hazardous decomposition products: None known. Refer to 'Hazardous Combustion products', Section 5.

SECTION 11 — TOXICOLOGICAL INFORMATION

Toxicological data: There is no available data for the product itself, only for the ingredients. See below for individual ingredient acute toxicity data.

Ingredients	LC_{50}(4hr) inh, rat	LD_{50} (mg/kg)	
		oral, rat	dermal, rabbit
Light White Mineral Oil	Not available	Not available	Not available

Carcinogenic status: IARC, the NTP and OSHA do not classify any of the listed ingredients as carcinogens.

Reproductive effects, Teratogenicity, Mutagenicity: None known.

SECTION 11 — TOXICOLOGICAL INFORMATION Continued

Sensitization to material: None known.
Other important hazards: CNS depression may result from exposure.
Synergistic materials: Not available.

SECTION 12 — ECOLOGICAL INFORMATION

Chemical fate information: The ecological characteristics of this product have not been fully investigated. The product should not be allowed to enter drains or water courses, or be deposited where it can affect ground or surface waters. Do not discharge product unmonitored into the environment.
Ecotoxicological information: There is no data available on the product itself.

SECTION 13 — DISPOSAL CONSIDERATIONS

Handling for disposal: Empty containers may contain product residue or vapors. Handle according to recommendations listed in Section 7.
Methods of disposal: Dispose in accordance with all applicable federal, state, provincial and/or local regulations. Contact your local, state, provincial and/or federal environmental agency for specific rules.
RCRA: If this product, as supplied, becomes a waste, it may meet the criteria of a hazardous waste as defined under RCRA, Title 40 CFR 261. Under the RCRA, it is the responsibility of the waste generator to determine the proper waste identification and disposal method. For disposal of unused or waste material, check with local, state and federal environmental agencies.

SECTION 14 — TRANSPORTATION INFORMATION

US 49 CFR information: As supplied, this product is not regulated for transport by ground within the United States.
Canadian Transportation of Dangerous Goods Regulations (TDGR) information: As supplied, this product is not regulated for transport by ground within Canada.

SECTION 15 — REGULATORY INFORMATION

US Federal Information:

TSCA information: All ingredients are listed on the TSCA inventory.
CERCLA Reportable Quantity (RQ) (40 CFR 117.302): None reported.
SARA TITLE III:

Sec. 302, Extremely Hazardous Substances, 40 CFR 355: No Extremely Hazardous Substances are present.
Sec. 311 and 312, MSDS Requirements, 40 CFR 370 Hazard Classes: Immediate (Acute); Delayed (Chronic); Fire Hazard. Under SARA Sections 311 and 312, the EPA has established threshold quantities for the reporting of hazardous chemicals. The current thresholds for extremely hazardous substances are 500 pounds or the individual chemical's threshold planning quantity (TPQ), whichever is lower; and 10,000 pounds for all other hazardous chemicals
Sec. 313, Toxic Chemicals Notification, 40 CFR 372: This material is not subject to SARA notification requirements, since it does not contain any Toxic Chemical constituents above their *de minimus* concentrations.

US State Right to Know Laws:

California Proposition 65: To the best of our knowledge, this product does not contain any chemicals known to the State of California to cause cancer or reproductive harm.
New Jersey Labeling Requirements: This product contains the following substances that may be required to be disclosed on product labeling:

Chemical Name	CAS #	% (weight)	New Jersey Hazardous Substance
Light White Mineral Oil	92062-35-6	10 – 30	No

SECTION 15 — REGULATORY INFORMATION Continued

Canadian Information:

Canadian WHMIS Classification: Class B3 (*Combustible liquids*); **Class D2A** (*Materials Causing Other Toxic Effects, Very Toxic Material*); **Class D2B** (*Materials Causing Other Toxic Effects, Toxic Material*).

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and this MSDS contains all the information required by the CPR.

Canadian CEPA information: All ingredients listed are on the DSL.

SECTION 16 — OTHER INFORMATION

NFPA Rating:

0 - Minimal 1 - Slight 2 - Moderate 3 - Serious 4 – Severe

Health: 1 Flammability: 2 Instability: 0 Special Hazard: None

HMIS Rating:

* - Chronic hazard 0 - Minimal 1 – Slight 2 - Moderate 3 - Serious 4 – Severe

Health: 1 Flammability: 1 Reactivity: 0

Prepared by: Farecla Products Ltd.
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Preparation date: September 23, 2010

References:
1. ACGIH, Threshold Limit Values and Biological Exposure Indices for 2006.
2. International Agency for Research on Cancer Monographs, searched 2006.
3. Canadian Centre for Occupational Health and Safety, CCInfoWeb databases, 2006 (Chempendium and RTECs).
4. Material Safety Data Sheet from manufacturer.
5. US EPA Title III List of Lists – January 27, 2005 version.
6. California Proposition 65 List – September 29, 2006 version.

Legend:
ACGIH: American Conference of Governmental Industrial Hygienists
CERCLA: US Comprehensive Environmental Response, Compensation, and Liability Act of 1980
NIOSH: National Institute of Occupational Safety and Health
WHMIS: Canadian Workplace Hazardous Materials Identification System
CAS: Chemical Abstract Services
DOT: US Department of Transportation
HMIS: Hazardous Materials Identification System
IATA: International Air Transport Association
ICAO: International Civil Aviation Organization
IARC: International Agency for Research on Cancer
OSHA: Occupational Safety and Health Administration
RCRA: US Resource Conservation and Recovery Act
SARA: US Superfund Amendments & Reauthorization Act
TLV: Threshold Limit Values
TSCA: Toxic Substance Control Act
CFR: US Code of Federal Regulations
DSL: Canadian Domestic Substances List
EPA: US Environmental Protection Agency
N/Ap: not applicable
N/Av: not available
NFPA: National Fire Protection Association
NTP: National Toxicology Program
PEL: Permissible Exposure Limit
STEL: Short Term Exposure Limit
TWA: Time Weighted Average

END OF DOCUMENT