



Pro Form Products Ltd.
604 McGeachie Drive
Milton, Ontario, L9T 3Y5
Canada
905-878-4990

PRODUCT: 13016 PRO SHADE PRIME (LIGHT GRAY)

SECTION 01: IDENTIFICATION

Initial supplier identifier..... Pro Form Products Ltd.
604 McGeachie Drive
Milton, Ontario L9T3Y5
Tel (905) 878-4990 Fax (905) 878-1189

Product identifier..... 13016 PRO SHADE PRIME (LIGHT GRAY)

Recommended use and restrictions on .. Paints.
use

Chemical family..... Mixture.

NFPA rating..... Health: 2 Fire: 4 Reactivity: 0.

HMIS..... H: 2 F: 4 R: 0.

24 hour emergency number..... For transportation emergencies (in Canada) call CANUTEC 1-888-226-8832 (CAN-UTEC);
IN THE UNITED STATES CALL CHEMTREC 1-800-424-9300.
** For medical emergencies contact your local poison control centre **.

SECTION 02: HAZARD IDENTIFICATION



Signal Word..... DANGER.

Hazard Classification..... Flammable Aerosols — Category 1. Gases Under Pressure: Liquefied Gas. Eye Irritation — Category 2A. Carcinogenicity — Category 1. Reproductive Toxicity — Category 1. Specific Target Organ Toxicity — Single Exposure — Category 3. Specific Target Organ Toxicity — Repeated Exposure — Category 1.

Hazard Description..... H222 Extremely flammable aerosol. H229 Pressurized container: may burst if heated. H280 Contains gas under pressure; may explode if heated. H319 Causes serious eye irritation. H335 May cause respiratory irritation. H336 May cause drowsiness or dizziness. H350 This product contains ingredients that may cause cancer. H360 May damage fertility or the unborn child. H372 Causes damage to organs through prolonged or repeated exposure.

Prevention..... P201 Obtain special instructions before use. P202 Do not handle this product until all safety instructions have been read and understood. P210 Keep away from heat, sparks, open flames and hot surfaces. No smoking. P211 Do not spray on an open flame or other ignition sources. P251 Do not pierce or burn container, even after use. P260 Do not breathe the mist, vapours, or spray. P264 Wash thoroughly after handling. P270 Do not eat drink or smoke while using this product. P271 Use only outdoors or in a well ventilated area. P280 Wear protective gloves and eye protection.

Response P304 + P340 - If inhaled remove person to fresh air and keep comfortable for breathing. P312 Call a POISON CENTER/doctor if you feel unwell. P305 + P351 + P338 If in eyes rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing until medical help arrives. P337 + P313 - If eye irritation persists get medical attention. P308 + P313 If exposed or concerned, get medical advice/attention.

Storage..... P233 Keep container tightly closed. P403 Store in a well ventilated area. P405 Store locked up. P410 Protect from sunlight. P412 Do not expose to temperature exceeding 50°C / 122°F.

Disposal..... P501 Dispose all unused, waste or empty containers in accordance with local regulations.

Note This product mixture has been classified based on its ingredients.

SECTION 03: COMPOSITION / INFORMATION ON INGREDIENTS

| CHEMICAL NAME AND SYNONYMS | CAS # | WT. % |
|----------------------------|----------|-------|
| Acetone | 67-64-1 | 15-40 |
| Isobutyl Acetate | 110-19-0 | 10-30 |
| Propane | 74-98-6 | 10-30 |
| Isobutane | 75-28-5 | 5-10 |

PRODUCT: 13016 PRO SHADE PRIME (LIGHT GRAY)**SECTION 03: COMPOSITION / INFORMATION ON INGREDIENTS**

| | | |
|--------------------------|------------|-------|
| Methyl Isobutyl Ketone | 108-10-1 | 5-10 |
| Talc | 14807-96-6 | 3-7 |
| Titanium Dioxide | 13463-67-7 | 3-7 |
| Ethyl 3-Ethoxypropionate | 763-69-9 | 1-5 |
| Xylene | 1330-20-7 | 0.1-1 |
| Toluene | 108-88-3 | 0.1-1 |
| Ethylbenzene | 100-41-4 | 0.1-1 |
| Carbon Black | 1333-86-4 | < 0.1 |
| Crystalline Silica | 14808-60-7 | <0.1 |
| N-methyl pyrrolidone | 872-50-4 | <0.1 |

<<The actual concentration(s) withheld as a trade secret>>

SECTION 04: FIRST-AID MEASURES

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| Eye contact..... | In case of contact, immediately flush eyes, keeping eyelids open, with plenty of water for at least 15 minutes. Check for and remove any contact lenses, if safe and easy to do so. Consult a physician if irritation continues. |
| Skin contact..... | Immediately remove all contaminated clothing; flush skin with water for at least 15 minutes. If irritation persists, seek medical attention. |
| Inhalation..... | If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen, obtain medical attention. |
| Ingestion..... | If ingestion is suspected, contact physician or poison control center immediately. Do not induce vomiting. If spontaneous vomiting occurs have victim lean forward with head down to prevent aspiration of fluid into the lungs. |
| Most important symptoms and effects, whether acute or delayed | Harmful if swallowed, in contact with skin or if inhaled. May cause mild skin irritation. May cause eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Direct contact with eyes may cause temporary irritation. This product contains ingredients that are suspected of damaging fertility or the unborn child. This product contains ingredients that may cause cancer. Vapors have a narcotic effect and may cause headache, fatigue, dizziness and nausea. May cause respiratory irritation. |
| Additional information..... | The main hazard from ingestion is aspiration of the liquid into the lungs producing chemical pneumonitis. Treat victims symptomatically. In the event of an incident involving this product ensure that medical authorities are provided a copy of this safety data sheet. |

SECTION 05: FIRE-FIGHTING MEASURES

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| Suitable and unsuitable extinguishing media | "Alcohol" foam, CO ₂ , dry chemical. In cases of larger fires, water spray should be used. Do not use water in a jet. |
| Specific hazards arising from the hazardous product, such as the nature of any hazardous combustion products | Extremely flammable aerosol. Thermal decomposition products are toxic. May include: Oxides of carbon (CO, CO ₂). Other potentially toxic fumes. |
| Special protective equipment and precautions for fire-fighters | Extremely flammable aerosol. Firefighter should be equipped with self-contained breathing apparatus and full protective clothing to protect against potentially toxic and irritating fumes. Cool fire-exposed containers with cold water spray. Heat will cause pressure buildup and may cause explosive rupture. Solvent vapours may be heavier than air and may build up and travel along the ground to an ignition source, which may result in a flash back to the source of the vapours. Keep run-off water from entering sewers and other waterways. Dike for water control. |

SECTION 06: ACCIDENTAL RELEASE MEASURES

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| Personal precautions, protective equipment and emergency procedures | No action shall be taken involving any personal risk or without suitable training. Isolate area and keep unauthorized people away. Do not walk through spilled material. Wear recommended protective equipment. Ventilate. Open windows and doors to allow air circulation. Dike area to prevent spreading. The use of absorbent socks or spill pillows may be required. Stop leak if safe to do so. Prevent runoff into drains, sewers, and other waterways. Equipment should be grounded. |
| Methods and materials for containment and cleaning up | |
| Leak/spill..... | Ventilate. Eliminate all sources of ignition. Isolate area and keep unauthorized people away. Do not walk through spilled material. Wear recommended protective equipment. Stop leak if safe to do so. Use non-sparking tools and equipment to pick up the spilled |

PRODUCT: 13016 PRO SHADE PRIME (LIGHT GRAY)**SECTION 06: ACCIDENTAL RELEASE MEASURES**

Leak/spill..... material. Contain the spill. Cover spill with absorbent material and place in appropriate containers. Spill area can be washed with water. Collect wash water for approved disposal. Spilled material and water rinses are classified as chemical waste, and must be disposed of in accordance with current local, provincial, state, and federal regulations.

SECTION 07: HANDLING AND STORAGE

Precautions for safe handling..... Pressurized container: Do not pierce or burn, even after use. Do not use if spray button is missing or defective. Do not spray on a naked flame or any other incandescent material. Do not smoke while using or until sprayed surface is thoroughly dry. Do not pressurize, cut, weld, braze, solder, drill, grind, or expose empty containers to heat, sparks or open flames. Avoid all skin contact and ventilate adequately, otherwise wear an appropriate breathing apparatus. Always adopt precautionary measures against build-up of static which may arise from appliances, handling and the containers in which product is packed. Ground handling equipment. Avoid breathing vapours or mist. Employees should wash hands and face before eating or drinking.

Conditions for safe storage, including any incompatibilities Keep away from heat, sparks, and open flames. Store in a cool, dry and well ventilated area. Keep container closed when not in use. Store away from oxidizing and reducing materials. Store away from sunlight. Do not store above 50 deg C.

SECTION 08: EXPOSURE CONTROLS / PERSONAL PROTECTION

| INGREDIENTS | TWA | ACGIH TLV STEL | PEL | OSHA PEL STEL | REL | NIOSH |
|--------------------------|--|-------------------|-----------------|--------------------|------------------------|-------|
| Acetone | 250 ppm TLV CA ON AB: 500ppm (TWA); 750ppm (STEL) | 500 ppm | 1,000 ppm | Not established | 250 ppm | |
| Isobutyl Acetate | 50 ppm | 150 ppm | 150 ppm | Not established | 150 ppm | |
| Propane | 1,000 ppm | Not established | 1,000 ppm | Not established | 1,000 ppm | |
| Isobutane | Not established | Not established | Not established | Not established | 800 ppm | |
| Methyl Isobutyl Ketone | 50 ppm | 75 ppm | 100 ppm | Not established | 50 ppm / STEL 75 ppm | |
| | ON: 20 ppm (TWA), 75 ppm (STEL) | | | | | |
| Talc | 2 mg/m3 CA ON: 2mg/kg (TWA) | Not established | 2 mg/m3 TWA | Not established | Not established | |
| Titanium Dioxide | 10 mg/m3 CA ON: 10 mg/m3 (TWA) | Not established | 15 mg/m3 | Not established | Not established | |
| Ethyl 3-Ethoxypropionate | Not established | Not established | Not established | Not established | Not established | |
| Xylene | 50 ppm CA ON: 100ppm (TWA); 150ppm (STEL) | 150 ppm | 100 ppm TWA | Not established | Not established | |
| Toluene | 20 ppm CA ON: TWA: 20 ppm | Not established | 200 ppm | 500 ppm 10 minutes | 100 ppm / STEL 150 ppm | |
| Ethylbenzene | 100 ppm CA ON: 20ppm (TWA) | 125 ppm | 100 ppm | Not established | 100 ppm / STEL 125 ppm | |
| Carbon Black | 3 mg/m3 CA ON: 3 mg/m3 (Inhalable) TWA | Not established | 3.5 mg/m3 | Not established | 3.5 mg/m3 | |
| Crystalline Silica | 0.025 mg/m3 CA ON: 0.025 mg/m3 Respirable | Not established | 0.1 mg/m3 TWA | Not established | 0.05 mg/m3 | |
| N-methyl pyrrolidone | Not Established | Not Established | Not Established | Not Established | Not Established | |

Appropriate engineering controls..... Provide natural or mechanical ventilation to control exposure levels below airborne exposure limits. Local mechanical exhaust ventilation should be used at sources of air contamination, such as open process equipment, or during purging operations, to capture gases and fumes that may be emitted. Standard reference sources regarding industrial ventilation (ie. ACGIH industrial ventilation) should be consulted for guidance about adequate ventilation. Explosion-proof exhaust ventilation.

Personal Protective Equipment

PRODUCT: 13016 PRO SHADE PRIME (LIGHT GRAY)**SECTION 08: EXPOSURE CONTROLS / PERSONAL PROTECTION**

| | |
|-----------------------|---|
| Respiratory/type..... | Local exhaust ventilation is recommended. Wear an appropriate, properly fitted respirator when contaminant levels exceed the recommended exposure limits. Use NIOSH approved respirator or equipment. Do not exceed the use limits of the respirator. |
| Eye/type..... | Chemical safety goggles. Chemical safety goggles and full faceshield if a splash hazard exists. |
| Gloves/ type..... | Wear skin protection equipment. The selection of skin protection equipment depends on the nature of the work to be performed. Insulated gloves. (for aerosols). Contact glove supplier for recommendations. |
| Clothing/type..... | Wear adequate protective clothes. Wear long sleeves and trousers to prevent dermal exposure. |
| Footwear/type..... | Safety boots per local regulations. |
| Other/type..... | Eye wash facility and emergency shower should be in close proximity. Employees should wash their hands and face before eating, drinking, or using tobacco products. |

SECTION 09: PHYSICAL AND CHEMICAL PROPERTIES

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| Appearance/Physical state..... | Aerosol. |
| Colour..... | Gray. |
| Odour..... | No data. |
| Odour threshold (ppm)..... | Not available. |
| pH..... | No data. |
| Melting / Freezing point (deg C)..... | -95°C (-139°F). (acetone). |
| Initial boiling point / boiling range (deg C)..... | 56°C (133 °F). (acetone). |
| Flash point (deg C), method..... | -18°C. (acetone). |
| Evaporation rate..... | Not available. |
| Flammability (solids and gases)..... | Flammable aerosol. |
| Upper flammable limit (% vol)..... | 9.5. (propellant). |
| Lower flammable limit (% vol)..... | 1.8. (propellant). |
| Vapour pressure (mm Hg)..... | Aerosol vapour pressure: 55-75 psig @21°C. |
| Vapour density (air=1)..... | No data. |
| Relative Density (Specific Gravity)..... | 0.86 - 0.89. |
| Pounds / USG..... | 7.18 - 7.43. |
| Solubility..... | No data. |
| Partition coefficient — n-octanol/water..... | Not available. |
| Auto ignition temperature (deg C)..... | 460 °C (propellant) . |
| Decomposition temperature..... | Not available. |
| Viscosity..... | Not available. |
| VOC (less water)..... | 3.85 lbs/USG; 461.3 g/L. |

SECTION 10: STABILITY AND REACTIVITY

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| Reactivity | Product is stable; hazardous polymerization will not occur. |
| Chemical stability..... | Stable at normal temperatures and pressures. |
| Possibility of hazardous reactions..... | Hazardous polymerization will not occur. |
| Conditions to avoid, including static discharge, shock or vibration | Keep away from heat. Electrostatic charge. |
| Incompatible materials..... | Strong oxidizing agents. |
| Hazardous decomposition products..... | See hazardous combustion products section 5. |

SECTION 11: TOXICOLOGICAL INFORMATION

| INGREDIENTS | LC50 | LD50 |
|--------------------------|---------------------------------------|---|
| Acetone | 50,100 mg/m ³ 8 hours, rat | 5,800 mg/kg (rat oral) |
| Isobutyl Acetate | >13.24 mg/L /6 h rat | 15400 mg/kg (rat oral), >17400 mg/kg (rabbit dermal) |
| Propane | >1,464 mg/L 15 minutes rat | Not available |
| Isobutane | 52 mg/L 1 hour mouse | Not available |
| Methyl Isobutyl Ketone | 8.2 - 16.4 mg/L 4 hours rat | 2080 mg/kg (rat oral) >16,000 mg/kg (rabbit dermal) |
| Talc | Not available | Not available |
| Titanium Dioxide | >6.8 mg/L (4 hr) | >10,000 mg/kg (rat, oral) >10,000 mg/kg (rabbit, dermal) |
| Ethyl 3-Ethoxypropionate | >998 ppm 6 hours | 4,309 mg/kg rat oral 4,080 mg/kg rabbit dermal |
| Xylene | 6350 ppm 4 hours rat | >3523 mg/kg rat oral |

PRODUCT: 13016 PRO SHADE PRIME (LIGHT GRAY)**SECTION 11: TOXICOLOGICAL INFORMATION**

| INGREDIENTS | LC50 | LD50 |
|--|---|--|
| Toluene | 8000ppm (rat inhalation) 400ppm mouse (inhalation 24hr) | 5,000 mg/kg (rat ora); 12,124 mg/kg (rabbit dermal) |
| Ethylbenzene | No data | 3,500 mg/kg rat oral 17,800 mg/kg rabbit dermal |
| Carbon Black | Not available | >10,000 mg/kg (oral rat) 3,000 mg/kg (dermal rabbit) |
| Crystalline Silica | Not available | >22,500 mg/kg (oral rat) |
| N-methyl pyrrolidone | No Data | 3600 mg/kg (oral, rat) |
| Route of exposure..... | Eye contact. Skin contact. Skin absorption. Inhalation. Ingestion. | |
| Symptoms related to the physical, chemical and toxicological characteristics | | |
| Effects of acute exposure..... | The aromatic hydrocarbon solvents in this product can be irritating to the eyes, nose and throat. In high concentration, they may cause central nervous system depression and narcosis characterized by nausea, lightheadedness and dizziness from overexposure by inhalation. May be harmful if absorbed through the skin. Aspiration of the material can cause lung damage. Talc can be absorbed into the lungs and the digestive tract, and adversely affect lung function. | |
| Effects of chronic exposure..... | Prolonged or repeated skin contact may cause drying or cracking of skin. Breathing high concentrations of vapour may cause anesthetic effects and serious health effects. Prolonged or repeated exposure may lead to liver, kidney or central nervous system symptoms. Talc has been shown to cause fibrosis of the lungs. Prolonged or repeated breathing of talc may result in progressive and permanent lung disease (fibrosis) which may cause death from respiratory and/or heart failure. Symptoms include coughing and difficult breathing which becomes worse with physical activity. . Intentional misuse by deliberately concentrating and inhaling this product may be harmful or fatal. | |
| Carcinogenicity of material..... | Quartz (Crystalline Silica) is listed by IARC in Group 1 as a carcinogen. IARC has classified Carbon Black as "Group 2B", possibly carcinogenic to humans, based on laboratory animal inhalation studies. IARC has classified Titanium Dioxide as a group 2B carcinogen. Ethylbenzene is classified as an A3 known animal carcinogen. Xylene has been listed by IARC as a Group 3; not classifiable as to its carcinogenicity to humans. | |
| Reproductive effects..... | Reproductive toxicity (developmental): N-methyl pyrrolidone. High level exposure to Xylene in some animal studies have been reported to cause health effects on the developing embryo/fetus. The relevance of this to humans is not known. Toluene is fetotoxic in rats and mice at maternally toxic levels. Prolonged and repeated exposure of pregnant animals (>1500 ppm) to Toluene have been reported to cause adverse fetal developmental effects. | |
| Sensitizing capability of material..... | None reported. | |
| Specific Target Organ Toxicity | Causes damage to organs through prolonged or repeated exposure . May cause drowsiness or dizziness. May cause respiratory irritation. | |

SECTION 12: ECOLOGICAL INFORMATION

Environmental..... No product data. Do not allow to enter waters, waste water or soil.

SECTION 13: DISPOSAL CONSIDERATIONS

Information on safe handling for disposal and methods of disposal, including any contaminated packaging . Dispose of waste in accordance with all applicable Federal, Provincial/State and local regulations.

SECTION 14: TRANSPORT INFORMATION

TDG Classification..... UN1950 - AEROSOLS, flammable - Class 2.1 - This product meets limited quantity exemption when shipped in containers less than 1 Litre.
 DOT Classification (Road)..... UN1950 - AEROSOLS, flammable - Class 2.1 - Ltd Qty (1 Liter/0.26 Gallons).
 IATA Classification (Air)..... UN1950 - AEROSOLS, flammable - Class 2.1 - Limited Quantity. Do not ship by air without checking appropriate IATA regulations.
 IMDG Classification (Marine)..... UN1950 - AEROSOLS - Class 2.1 - EmS: F-D, S-U - Limited Quantity. Check IMDG regulations for limited quantity exemptions.
 Marine Pollutant..... No.
 Proof of Classification..... In accordance with Part 2.2.1 of the Transportation of Dangerous Goods Regulations (July 2, 2014) - we certify that classification of this product is correct. .

PRODUCT: 13016 PRO SHADE PRIME (LIGHT GRAY)**SECTION 15: REGULATORY INFORMATION**

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| CEPA status..... | On Domestic Substances List (DSL). |
| TSCA inventory status..... | All components are listed. |
| OSHA..... | This product is considered hazardous under the OSHA Hazard Communication Standard. |
| SARA Title III | |
| Section 302 - extremely hazardous substances | None. |
| Section 311/312 - hazard categories..... | Immediate health, delayed health, fire hazard. |
| Section 313..... | Ethylbenzene. Methyl Isobutyl Ketone. Toluene. Xylene. |
| EPA hazardous air pollutants (HAPS) 40CFR63 | Ethylbenzene. Methyl Isobutyl Ketone. Toluene. Xylene. |
| California Proposition 65..... | *** ! WARNING: This product can expose you to chemicals including [see below], which are known to the State of California to cause birth defects or other reproductive harm. (Methyl Isobutyl Ketone (D)). (N-methyl pyrrolidone (nmp)). (Toluene). *** ! WARNING: This product can expose you to chemicals including [see below], which are known to the State of California to cause cancer . (Carbon black - airborne, unbound particles of respirable size). (Ethyl benzene). (Methyl Isobutyl Ketone (C)). (Silica, crystalline (airborne particles of respirable size)). (Talc, not containing asbestiform fibers). For more information, go to www.P65Warnings.ca.gov . |

SECTION 16: OTHER INFORMATION

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| Prepared by: | REGULATORY AFFAIRS. Trivalent Data Systems Ltd. www.trivalent.com . |
| Telephone number:..... | (800) 387-7981. |
| Disclaimer:..... | DISCLAIMER: All information appearing herein is based upon data obtained from experience and recognized technical sources. To the best of our knowledge, it is believed to be correct as of the date of issue but we make no representations as to its accuracy or sufficiency and do not suggest or guarantee that any hazards listed herein are the only ones which exist. The hazard information contained herein is offered solely for the consideration of the user, subject to his own investigation and verification of compliance with applicable regulations, including the safe use of the product under every foreseeable condition. The information relates only to the product designated herein, and does not relate to its use in combination with any other material or in any other process. |
| Review Date:..... | 2022-11-30. |
| Date of the latest revision of the safety data sheet | 2019-09-04 |