



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

PRODUCT: 22052 ROCKER PANEL PROTECTOR (OFF WHITE) AEROSOL LOW VOC

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..... 22052 ROCKER PANEL PROTECTOR (OFF WHITE) AEROSOL LOW VOC

Recommended use and restrictions on .. Rubberized gravel guard coating.
use

Chemical family..... Mixture.

NFPA rating..... Health: 2 Fire: 3 Reactivity: 0.

HMIS..... H: 2 F: 3 R: 0.

24 hour emergency number:..... For transportation emergencies (in Canada) call CANUTEC 1-888-226-8832 (CANUTEC);
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. Skin Corrosion/Irritation — Category 2. Serious Eye Damage/Eye Irritation — Category 2A. Carcinogenicity — Category 1. Reproductive Toxicity — Category 2. Specific Target Organ Toxicity — Single Exposure — Category 3. (CNS). Specific Target Organ Toxicity — Repeated Exposure — Category 1. (Auditory system). (Eyes). Aspiration Toxicity 1. Acute Toxicity (Dermal) - Category 5.

Hazard Description..... H222 Extremely flammable aerosol. H229 Pressurized container: may burst if heated. H280 Contains gas under pressure; may explode if heated. H304 May be fatal if swallowed and enters airways. H313 May be harmful in contact with skin. H315 Causes skin irritation. H319 Causes serious eye irritation. H335 May cause respiratory irritation. H336 May cause drowsiness or dizziness. H350 May cause cancer. H361 Suspected of damaging fertility or the unborn child. H372 Causes damage to organs through prolonged or repeated exposure.

Precautionary Statements
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. P233 Keep container tightly closed. P240 Ground and bond container and receiving equipment. P241 Use explosion proof equipment. P242 Use only non-sparking tools. P243 Take precautionary measures against static discharge. P260 Do not breathe mist, vapours, or spray. P261 Avoid breathing mists, vapours and sprays. 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 P301 + P310 If swallowed IMMEDIATELY CALL A POISON CONTROL CENTRE and follow instructions provided by the centre. P302 + P312 If on skin : Call a POISON CENTER/doctor if you feel unwell. P302 + P352 - If on skin: wash with plenty of water. P303 + P361 + P353 If on skin or in hair: take off all contaminated clothing immediately. Rinse thoroughly with water and use safety shower . P308 + P313 If exposed or concerned, get medical advice/attention. 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. P314 - Get medical advice/attention if you feel unwell. P312 Call a POISON CENTER/doctor if you feel unwell. P321 - For specific treatment see section 4 on this SDS. P331 Do NOT induce vomiting. P332 + P313 - If skin irritation occurs get medical attention or advice. P337 + P313 - If eye irritation persists get medical attention. P362 + P364 - Take off contaminated clothing and wash before reuse. P304 + P340 - If inhaled remove person to fresh air and keep comfortable for breathing.

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SECTION 02: HAZARD IDENTIFICATION

Storage..... P403 + P233 Store in a well ventilated area. Keep container tightly closed. 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.

Other hazards..... None known.

SECTION 03: COMPOSITION / INFORMATION ON INGREDIENTS

CHEMICAL NAME AND SYNONYMS	CAS #	WT. %
Dimethyl carbonate	616-38-6	15-40
Calcium Carbonate	1317-65-3	10-40
Toluene	108-88-3	10-30
Propane	74-98-6	7-13
Hydrocarbon Resin	64742-16-1	5-10
Butadiene-styrene copolymer	9003-55-8	5-10
Isobutane	75-28-5	5-10
Titanium Dioxide	13463-67-7	1-5
Quaternium-90 Bentonite	226226-22-8	1-5
Distillates (Petroleum) Hydrotreated Light	64742-47-8	0.1-1
Crystalline Silica	14808-60-7	0.1-1

SECTION 04: FIRST-AID MEASURES

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. Protect unharmed eye. Consult a physician if irritation continues.

Skin contact..... Rinse skin for 15-20 minutes. Remove contaminated clothing and launder before reuse. If irritation persists, seek medical attention. If thermal burn, seek immediate 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. If spontaneous vomiting occurs have victim lean forward with head down to prevent aspiration of fluid into the lungs. Never give anything by mouth to an unconscious person.

Most important symptoms and effects, This product contains ingredients that may cause cancer. Suspected of damaging fertility or the unborn child. Causes damage to organs through prolonged or repeated exposure. whether acute or delayed Aspiration hazard. May be fatal if swallowed and enters airways.

Indication of immediate medical attention and special treatment needed, if necessary Symptoms may be delayed.

SECTION 05: FIRE-FIGHTING MEASURES

Suitable extinguishing media..... "Alcohol" foam, CO₂, dry chemical. Water fog. Water spray.

Unsuitable extinguishing media..... Do not use solid water streams or water jet.

Specific hazards arising from the Vapours can accumulate in low areas. Vapors may form explosive mixture in air. hazardous product, such as the nature of any hazardous combustion products

Special protective equipment and Firefighter should be equipped with self-contained breathing apparatus and full protective precautions for fire-fighters 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.

SECTION 06: ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures Evacuate personnel to a safe area. Wear appropriate personal protection equipment. Ensure adequate ventilation. Vapors can accumulate in low lying areas. Beware of vapours accumulating to form explosive concentrations.

Environmental precautions..... Do not allow product to leak into drains or waterways. If spill does contaminate waterways then inform authorities.

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SECTION 06: ACCIDENTAL RELEASE MEASURES

Methods and materials for containment and cleaning up . Stop the flow of material if safe to do so. Flush area with water. Ventilate. Eliminate all sources of ignition. Use non-sparking tools. Contain spilled material and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local/national regulations. Wear proper personal protection equipment.

SECTION 07: HANDLING AND STORAGE

Precautions for safe handling..... Keep away from heat, sparks, and open flame. Always adopt precautionary measures against build-up of static which may arise from appliances, handling and the containers in which product is packed. Do not spray on a naked flame or any incandescent material. Avoid all skin contact and ventilate adequately, otherwise wear an appropriate breathing apparatus. Avoid breathing vapours or mist. Employees should wash hands and face before eating or drinking. Do not eat, drink or smoke while using this product. Do not smoke. 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. Do not pressurize, cut, weld, braze, solder, drill, grind, or expose empty containers to heat, sparks or open flames. . Handle in accordance with good industrial hygiene and safety practices.

Conditions for safe storage, including any incompatibilities Keep away from heat, sparks, and open flames. Keep container closed when not in use. Store away from oxidizing and reducing materials. Observe all local, provincial and national regulations. No smoking. Store locked up. Pressurized container, do not expose to temperatures exceeding 50°C (122°F). Do not puncture, incinerate or crush container. Do not cut, grind or weld on or near container, do not expose containers to heat, flame, sparks, static electricity , or other sources of ignition: the containers may explode and cause injury or death. Incompatible materials include, but not limited to: . Strong acids. Strong oxidizers. Reducing agents. Acids. Florine.

SECTION 08: EXPOSURE CONTROLS / PERSONAL PROTECTION

INGREDIENTS	TWA	ACGIH TLV STEL	PEL	OSHA PEL STEL	REL	NIOSH
Dimethyl carbonate	Not established	Not established	Not established	Not established	Not established	Not established
Calcium Carbonate	Not available	Not available	5 mg/m3	Not available	5 mg/m3	
Toluene	Not available 20 ppm	Not available	200 ppm	500 ppm 10 minutes	100 ppm / STEL 150 ppm	
Propane	CA ON: TWA: 20 ppm 1,000 ppm	Not established	1,000 ppm	Not established	1,000 ppm	
Hydrocarbon Resin	Not established	Not established	Not established	Not established	Not established	Not established
Butadiene-styrene copolymer	Not established	Not established	Not established	Not established	Not established	Not established
Isobutane	Not established	Not established	Not established	Not established	800 ppm	
Titanium Dioxide	10 mg/m3 CA ON: 10 mg/m3 (TWA)	Not available	15 mg/m3	Not available	Not available	Not available
Quaternium-90 Bentonite	Not established	Not established	Not established	Not established	Not established	Not established
Distillates (Petroleum) Hydrotreated Light	1200 mg/m3 CA BC: 200mg/m3 (TWA) Skin	197 ppm	Not available	Not available	Not available	Not available
Crystalline Silica	0.025 mg/m3 CA ON: 0.025 mg/m3 Respirable	Not available	0.1 mg/m3 TWA	Not available	0.05 mg/m3	

Appropriate engineering controls..... Local exhaust should be used to maintain levels below the exposure limits.

Personal Protective Equipment

Eye/type..... Chemical safety goggles and full faceshield if a splash hazard exists. Consult your personal protective equipment supplier for additional recommendations.

Respiratory/type..... Wear an appropriate, properly fitted respirator when contaminant levels exceed the recommended exposure limits. Consult your personal protective equipment supplier for additional recommendations.

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SECTION 08: EXPOSURE CONTROLS / PERSONAL PROTECTION

Gloves/ type..... Chemical resistant gloves. Consult your personal protective equipment supplier for additional recommendations.

Clothing/type..... Wear impervious protective clothing. Consult your personal protective equipment supplier for additional recommendations.

Footwear/type..... Wear chemical resistant safety boots. Consult your personal protective equipment supplier for additional recommendations.

Other/type..... Emergency showers and eye wash stations should be available.

SECTION 09: PHYSICAL AND CHEMICAL PROPERTIES

Form..... Aerosol.

Appearance/Physical state..... Spray mist.

Colour..... Not available.

Odour..... Hydrocarbon.

Odour threshold (ppm)..... Not available.

Vapour density (air=1)..... Not available.

pH..... Not applicable.

Relative Density (Specific Gravity)..... Not available.

Melting / Freezing point (deg C)..... Not available.

Solubility..... Not available.

Initial boiling point / boiling range (deg C)..... Not available.

Evaporation rate..... Not available.

Flash point (deg C), method..... -155.27°F (-104.039 °C) Closed Cup. (Propellant).

Auto ignition temperature (deg C)..... 450°C (842°F). (Propellant).

Upper flammable limit (% vol)..... 2.0. (Propellant).

Lower flammable limit (% vol)..... 9.5. (Propellant).

Aerosol Flame Projection..... >15 cm and <100 cm.

Flashback..... No.

Partition coefficient — n-octanol/water..... Not available.

Viscosity..... Not available.

% Weight Volatile (VOC)..... NMT 40.

Total MIR..... 0.83.

SECTION 10: STABILITY AND REACTIVITY

Chemical stability..... Stable at normal temperatures and pressures.

Reactivity Avoid heat, sparks and flames. Explosive reactions can occur in the presence of strong oxidizing agents.

Conditions to avoid, including static discharge, shock or vibration Keep away from heat. Incompatible materials.

Incompatible materials..... Strong acids. Strong oxidizers. Oxidizing agents. Reducing agents. Potassium tert-butoxide. Acids. Florine. Strong oxidizing agents.

Hazardous decomposition products..... None known.

Possibility of hazardous reactions..... None known.

SECTION 11: TOXICOLOGICAL INFORMATION

INGREDIENTS	LC50	LD50
Dimethyl carbonate	>5.36 mg/L (4 hr., rat)	>5000 mg/kg (oral, rat). >5000 mg/kg (dermal, rabbit)
Calcium Carbonate	Not available	6450 mg/kg rat oral
Toluene	8000ppm (rat inhalation) 400ppm mouse (inhalation 24hr)	5,000 mg/kg (rat ora); 12,124 mg/kg (rabbit dermal)
Propane	>1,464 mg/L 15 minutes rat	Not available
Hydrocarbon Resin	No Data	50,000 mg/kg (oral, rat)
Butadiene-styrene copolymer	Not Available	Not Available
Isobutane	52 mg/L 1 hour mouse	Not available
Titanium Dioxide	>6.8 mg/L (4 hr)	>10,000 mg/kg (rat, oral) >10,000 mg/kg (rabbit, dermal)
Quaternium-90 Bentonite	> 200 mg/l, 4 hours	>5000 mg/kg (oral, rat)
Distillates (Petroleum) Hydrotreated Light	>5.2 mg/L (4 hr.)	>5000 mg/kg (oral, rat), >2000 mg/kg (dermal, rabbit)

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SECTION 11: TOXICOLOGICAL INFORMATION

INGREDIENTS	LC50	LD50
Crystalline Silica	Not available	>22,500 mg/kg (oral rat)
Route of exposure.....	Eye contact. Skin contact. Inhalation. Ingestion.	
Effects of acute exposure.....	Causes eye irritation. Causes serious eye irritation.	
Serious eye damage/eye irritation.....	Causes serious eye irritation.	
Skin corrosion/irritation.....	Causes skin irritation.	
Respiratory Sensitization.....	Not expected to be a respiratory sensitizer.	
Skin Sensitization.....	Not expected to be a skin sensitizer.	
Carcinogenicity.....	IARC has classified Titanium Dioxide as a "Group 2B"; possibly carcinogenic to humans. Quartz (Crystalline Silica) is listed by IARC in Group 1 as a carcinogen.	
Mutagenicity.....	Did not meet classification criteria.	
Reproductive effects.....	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. Suspected of damaging fertility or the unborn child.	
STOT-SE.....	May cause drowsiness or dizziness. May cause respiratory irritation.	
STOT-RE.....	Causes damage to organs through repeated or prolonged exposure.	
Aspiration Hazard.....	May be fatal if swallowed and enters airways.	

SECTION 12: ECOLOGICAL INFORMATION

Environmental.....	Do not allow to enter waters, waste water or soil.
Bioaccumulative potential.....	No product data available.
Mobility in soil.....	No product data available.
Persistence and degradability.....	No product data available.

SECTION 13: DISPOSAL CONSIDERATIONS

Information on safe handling for disposal and methods of disposal, including any contaminated packaging	This material and its container must be disposed of as hazardous waste. Avoid release to the environment. Dispose of waste in accordance with all applicable Federal, Provincial/State and local regulations.
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SECTION 14: TRANSPORT INFORMATION

TDG Classification.....	UN1950, AEROSOLS, Class 2.1, Ltd. Qty.
DOT Classification (Road).....	UN1950, AEROSOLS, Class 2.1, Ltd. Qty., Consumer Commodity ORM-D.
IATA Classification (Air).....	UN1950, AEROSOLS, Class 2.1, Ltd. Qty.
IMDG Classification (Marine).....	UN1950, AEROSOLS, Class 2.1, Ltd. Qty.
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. .

SECTION 15: REGULATORY INFORMATION

CEPA status.....	Calcium carbonate is considered a naturally occurring substance and is therefore exempt from listing on the DSL. The following substances are NOT on the DSL and will be subject to import restrictions: (CAS # 226226-22-8). The balance of the substances are on the DSL.
National Pollutant Release Inventory (NPRI).....	Some components are subject to reporting under NPRI. Please check your responsibility. (CAS # 64742-47-8 (CAT 5)). (CAS # 108-88-3 (CAT 1A &5)).
Environmental Emergency Regulations.....	Some components of this product are on the Environmental Emergency Regulations and may require additional reporting. Toluene (CAS # 108-88-3) Part 1.
Categorization of the DSL.....	Some components met the criteria under subsection 73(1) of CEPA during categorization of the DSL. Please check to see if this affects your company. (CAS # 64742-16-1). (CAS # 64742-47-8). (CAS # 9003-55-8). (CAS # 14808-60-7). (CAS # 108-88-3).
TSCA inventory status.....	All components are either listed or exempt from the TSCA. .
OSHA.....	This product is considered hazardous under the OSHA Hazard Communication Standard.
SARA Title III	
Section 302 - extremely hazardous substances.....	None known.
Section 311/312 - hazard categories.....	Immediate health, delayed health, fire hazard.
Section 313.....	Toluene.
EPA hazardous air pollutants (HAPS) 40CFR63.....	Toluene.
California Proposition 65.....	*WARNING: This product contains a chemical known to the State of California to cause birth defects or other reproductive harm. (Toluene(D)). *WARNING: This product contains a chemical known to the State of California to cause cancer. (Silica, crystalline (airborne particles of respirable size(C)). (Titanium dioxide - airborne, unbound particles of respirable size).

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VOC**

SECTION 16: OTHER INFORMATION

Prepared by: REGULATORY AFFAIRS.

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.

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data sheet