



Pro Form Products Ltd.
604 McGeachie Drive
Milton; Ontario; L9T 3Y5
Canada

PRODUCT: 11400 SMC RESIN
Section 01: Chemical product and company identification

Product name.....	11400 SMC RESIN	
Manufactured for.....	Pro Form Products Ltd. 604 McGeachie Drive Milton, Ontario L9T3Y5	NZ Distributor:
24 hour emergency number.....	Tel (905) 878-4990 Fax (905) 878-118 IN CANADA CALL CANUTEC (613) 913-1111	Wyatt Machine Tools (Rupes) NZ Ltd 388 Church St, Penrose, AKL, 1061
Material use.....	CHEMTREC (800) 424-9300. Automotive, Resin. This product should be used in accordance with the instructions described in this section.	P: (09)525-1000 F:(09)525-1009
Chemical family.....	Mixture.	NZ Emergency: 0800 992 881
Preparation date.....	December 8, 2014.	0800WYATT1
Hazard rate.....		
NFPA rating.....	Health: 2 Fire: 3 Reactivity: 0.	
HMIS.....	H: 2* F: 3 R: 0.	

Section 02: Hazards identification


Signal Word.....	DANGER.
Hazard Classification.....	Flammable Liquid 2. Acute Toxicity 4. Skin Irritant 2. Eye Irritant 2. Skin Sensitizer 1. Carcinogen 2. STOT RE 2. STOT SE 2. Reproductive 2.
Hazard Description.....	H302 Harmful if swallowed. H312 Harmful in contact with skin. H317 May cause an allergic skin reaction. H320 Causes eye irritation. H332 Harmful if inhaled. H351 This product contains ingredients that are suspected of causing cancer. H373 May cause damage to the liver and kidneys through prolonged or repeated contact. H360 May damage fertility or the unborn child.
Precautionary Statements.....	P243 Take precautionary measures against static discharge. P251 Do not pierce or burn container, even after use. 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. P273 Avoid release to the environment. P280 Wear protective gloves and eye protection. P202 Do not handle this product until all safety instructions have been read and understood. P284 In case of inadequate ventilation wear respiratory protection. 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. P233 Keep container tightly closed. P240 Ground and bond container and receiving equipment. P241 Use explosion proof equipment. P242 Use only non-sparking tools.
Response.....	P301 + P310 If swallowed IMMEDIATELY CALL A POISON CONTROL CENTRE and follow instructions provided by the centre. P302 + P352 - If on skin: wash with plenty of water. P321 - Consult with a doctor or poison control centre if skin is itchy or a skin rash develops or 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. P304 + P340 - If inhaled remove person to fresh air and keep comfortable for breathing. P342 + P311 If experiencing respiratory symptoms; call poison center or doctor.
Storage.....	P403 + P233 Store in a well ventilated area. Keep container tightly closed. P405 Store locked up.
Disposal.....	P501 Dispose all unused, waste or empty containers in accordance with local regulations.

Section 03: COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous Ingredients	CAS #	Wt. %
STYRENE	100-42-5	15-40
METHYL METHACRYLATE	80-62-6	5-10
METHANOL	67-56-1	0.1-1.0
DIMETHYLANILINE	121-69-7	0.1-1.0

PRODUCT: 11400 SMC RESIN**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. Obtain medical attention.
Skin contact.....	Remove all contaminated clothing and immediately wash the exposed areas with copious amounts of water for a minimum of 30 minutes or up to 60 minutes for critical body areas. 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. 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.
Additional information.....	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

Extinguishing media.....	"Alcohol" foam, CO2, dry chemical.
Hazardous combustion products.....	Oxides of carbon (CO, CO2).
Special fire fighting procedures.....	Firefighter should be equipped with self-contained breathing apparatus and full protective clothing to protect against potentially toxic and irritating fumes. 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. Cool fire-exposed containers with cold water spray. Heat will cause pressure buildup and may cause explosive rupture.

Section 06: Accidental release measures

Leak/spill.....	Ventilate. Eliminate all sources of ignition. Contain the spill. Avoid all personal contact. 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. Evacuate all non-essential personnel. Prevent runoff into drains, sewers, and other waterways. Absorb with earth, sand, or another dry inert material. Shovel into suitable unsealed containers, transport to well-ventilated area (outside) and treat with neutralizing solution: mixture of water (80%) with non-ionic surfactant Tergitol TMN-10 (20%); or water (90%), concentrated ammonia (3-8%) and detergent (2%).
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Section 07: Handling and storage

Handling procedures.....	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. Avoid breathing vapours or mist. Ground handling equipment. Handle and open container with care. Employees should wash hands and face before eating or drinking. Keep away from heat, sparks, and open flame.
Storage needs.....	Keep away from heat, sparks, and open flames. Keep container closed when not in use. Store away from oxidizing and reducing materials. Store away from sunlight.

Section 08: Exposure controls / personal protection

Protective equipment	
Eye/type.....	Liquid chemical goggles.
Respiratory/type.....	Local exhaust ventilation is recommended. Wear an appropriate, properly fitted respirator when contaminant levels exceed the recommended exposure limits.
Gloves/ type.....	Chemical resistant gloves.
Clothing/type.....	Wear adequate protective clothes.
Footwear/type.....	Safety boots per local regulations.
Other/type.....	Emergency showers and eye wash stations should be available.
Ventilation requirements.....	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. .

Exposure limits

Ingredients	TWA	ACGIH TLV STEL	PEL	OSHA PEL STEL	REL NIOSH
STYRENE	20 ppm	40 ppm	100 ppm	Not established	100 ppm
METHYL METHACRYLATE	50 ppm	100 ppm	100 ppm	Not established	Not established
METHANOL	200 ppm	250 ppm skin	200 ppm	Not established	200 ppm / STEL 250 ppm

PRODUCT: 11400 SMC RESIN**Section 08: Exposure controls / personal protection**

Ingredients	TWA	ACGIH TLV STEL	PEL	OSHA PEL STEL	REL NIOSH
DIMETHYLANILINE	Not established	10 ppm	5 ppm	10 ppm	Not established

Section 09: Physical and chemical properties

Physical state.....	Paste.
Colour.....	Clear, colourless to amber.
Odour.....	Hydrocarbon odour.
Odour threshold (ppm).....	0.15-25 ppm (Styrene).
Vapour pressure (mm Hg).....	No data.
Vapour density (air=1).....	>1.
Specific gravity.....	1.092 - 9.10 lb/USG.
pH.....	Not applicable.
Freezing point (deg C).....	-30.
Solubility.....	Slightly soluble in water.
Boiling point (deg C).....	101.
Evaporation rate.....	Moderate.
Flash point (deg C), method.....	31°C (87.8°F).
Auto ignition temperature (deg C).....	272°C.
Upper flammable limit (% vol).....	6.8.
Lower flammable limit (% vol).....	0.9.
Coefficient of water/oil distribution.....	No data.
VOC.....	85.07 g/l - 0.71 lb/USG.
Viscosity.....	1500 cps Brookfield Spindle #4.

Section 10: Stability and reactivity

Stability.....	Stable at normal temperatures and pressures.
Reactivity conditions.....	Avoid heat, sparks and flames. Explosive reactions can occur in the presence of strong oxidizing agents.
Incompatibility.....	Keep away from heat. Incompatible with strong oxidizers.
Hazardous products of decomposition.....	Oxides of carbon (CO, CO ₂).
Hazardous polymerization.....	Will not occur under normal temperature and pressure.

Section 11: Toxicological information

Route of entry	Eye contact. Skin contact. Inhalation.
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.
Effects of chronic exposure.....	Breathing high concentrations of vapour may cause anesthetic effects and serious health effects. Prolonged or repeated exposure may lead to kidney or central nervous system symptoms. Prolonged or repeated exposure may lead to allergic skin reactions.
Sensitizing capability of material.....	May cause sensitization by skin contact.
Carcinogenicity of material.....	Styrene is classified by IARC as a Group 2B carcinogen.
Toxicological Data	

Ingredients	LC50-inh, rat	LD50-Oral, rat
STYRENE	2770 ppm 4 hr rat	5000 mg/kg rat oral
METHYL METHACRYLATE	7093 ppm 4hr rat	9400 mg/kg rat oral 5,000 mg/kg rabbit dermal
METHANOL	128.2 mg/l, 4h rat	5,628 mg/kg rat oral 15,800 mg/kg rabbit dermal
DIMETHYLANILINE	No data	1,410 mg/kg rat oral 1,770 mg/kg rabbit dermal

Section 12: Ecological information

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

Section 13: Disposal considerations

Waste disposal.....	Empty containers must be handled with care due to product residue. This material and its container must be disposed of as hazardous waste. Avoid release to the environment.
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PRODUCT: 11400 SMC RESIN**Section 14: Transport information**

TDG Classification (Road).....	UN3269 - Polyester Resin Kit - Class 3 - PG III - This product meets the criterion for Limited Quantity Exemptions when packaged in containers less than 5 litres .
DOT Classification (Road).....	UN3269 - Polyester Resin Kit - Class 3 - PG III - Ltd Qty (5 Liters/1.3 Gallons).
IATA Classification (Air).....	UN3269 - Polyester Resin Kit - Class 3 - PG III.
IMDG Classification (Marine).....	UN3269 - Polyester Resin Kit - Class 3 - PG III - EmS: F-E S-D.
Marine Pollutant.....	Potential marine pollutant.
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

WHMIS classification.....	B2, D2A, D2B.
CEPA status.....	On Domestic Substances List (DSL).
Section 313.....	Styrene, N,n-dimethylaniline, Methyl methacrylate, Methanol.
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.
EPA hazardous air pollutants (HAPS)	Styrene, Methanol, Methyl methacrylate.
^CFR63	
^CA inventory status.....	All components are listed.
California Proposition 65.....	California is in the process of listing Styrene to Proposition 65 as a carcinogen . This product contains Methanol known to the State of California to cause developmental reproductive toxicity.

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.
Disclaimer:.....	Regulatory Affairs



Pro Form Products Ltd.
604 McGeachie Drive
Milton, Ontario; L9T 3Y5
Canada

PRODUCT: WHITE CREAM HARDENER
Section 01: Chemical product and company identification

Product name..... WHITE CREAM HARDENER
 Manufactured for..... Pro Form Products Ltd.
 604 McGeachie Drive
 Milton, Ontario L9T3Y5
 Tel (905) 878-4990 Fax (905) 878-1189
 24 hour emergency number..... IN CANADA CALL CANUTEC (613) 996-6666-IN THE UNITED STATES CALL
 CHEMTREC (800) 424-9300.
 Material use..... Accelerator and activator.
 Chemical family..... Mixture.
 Preparation date..... January 17, 2014.
 Hazard rate
 NFPA rating..... Health: 2 Fire: 2 Reactivity: 2.
 HMIS..... H: 2 F: 2 R: 2.

Section 02: Hazards identification


Signal Word..... DANGER.
 Hazard Classification..... Acute Toxicity 4. Eye Irritant 2. Skin Irritant 2. Skin Sensitizer 1. Aspiration Toxicity 1.
 Flammable Liquid 4.
 Hazard Description..... H302 Harmful if swallowed. H304 May be fatal if swallowed and enters airways. H312
 Harmful in contact with skin. H315 Causes skin irritation. H317 May cause an allergic skin
 reaction. H320 Causes eye irritation. H332 Harmful if inhaled. H227 Combustible liquid.
 Precautionary Statements..... P243 Take precautionary measures against static discharge. P251 Do not pierce or burn
 container, even after use. P261 Avoid breathing dust. 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. P273 Avoid release
 to the environment. P280 Wear protective gloves and eye protection. P202 Do not handle
 this product until all safety instructions have been read and understood. P284 In case of
 inadequate ventilation wear respiratory protection. P410 Protect from sunlight. P412 Do not
 expose to temperature exceeding 50C / 122F. 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. P233 Keep container tightly closed. P235 Keep cool. P240 Ground and
 bond container and receiving equipment. P241 Use explosion proof equipment. P242 Use
 only non-sparking tools.
 Note This product is an oxidizer.

Section 03: COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous Ingredients	CAS #	Wt. %
BENZYL PEROXIDE	96-36-0	40-70
NON-PHTHALATE PLASTICIZER	PROPRIETARY	15-40
SILICA, AMORPHOUS	7631-86-9	1-5
CALCIUM CARBONATE	1317-65-3	1-5

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. Obtain medical attention.
 Skin contact..... Remove all contaminated clothing and immediately wash the exposed areas with copious
 amounts of water for a minimum of 30 minutes or up to 60 minutes for critical body areas. 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..... Do not induce vomiting. 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.

PRODUCT: WHITE CREAM HARDENER**Section 04: First aid measures**

Additional information..... Treat victims symptomatically. The main hazard from ingestion is aspiration of the liquid into the lungs. 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

Extinguishing media..... "Alcohol" foam, CO₂, dry chemical.
 Hazardous combustion products..... Oxides of carbon (CO, CO₂). Benzoic acid. Hydrocarbons.
 Special fire fighting procedures..... Firefighter should be equipped with self-contained breathing apparatus and full protective clothing to protect against potentially toxic and irritating fumes. Fight fire like a fuel oil fire.
 Unusual fire / explosion hazards..... Fire hazard increases when material becomes dry. Vapours may be heavier than air. May travel long distances along the ground before igniting and flashing back to vapour source.

Section 06: Accidental release measures

Leak/spill..... Ventilate. Eliminate all sources of ignition. Isolate area and keep unauthorized people away. Do not walk through spilled material. Contain the spill. Prevent runoff into drains, sewers, and other waterways. Absorb with earth, sand, or another dry inert material. 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

Handling procedures..... Keep away from heat, sparks, and open flame. Do not breathe vapours, mist or dust. Avoid all skin contact and ventilate adequately, otherwise wear an appropriate breathing apparatus. Handle in accordance with good industrial hygiene and safety practices. 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. Handle and open container with care. Employees should wash hands and face before eating or drinking.
 Storage needs..... Keep away from heat, sparks, and open flames. Keep container closed when not in use. Store in a cool dry place away from organic materials.

Section 08: Exposure controls / personal protection

Protective equipment
 Eye/type..... Liquid chemical goggles.
 Respiratory/type..... Local exhaust ventilation is recommended. Wear an appropriate, properly fitted respirator when contaminant levels exceed the recommended exposure limits.
 Gloves/ type..... Chemical resistant gloves.
 Clothing/type..... Wear adequate protective clothes.
 Footwear/type..... Safety boots per local regulations.
 Other/type..... Emergency showers and eye wash stations should be available.
 Ventilation requirements..... Local exhaust at points of emission.
 Exposure limits

adients	TWA	ACGIH TLV STEL	PEL	OSHA PEL STEL	REL NIOSH
BENZYL PEROXIDE	No data	No data	No data	No data	No data
NON-PHTHALATE PLASTICIZER	No data	No data	No data	No data	No data
SILICA, AMORPHOUS	No data	No data	No data	No data	No data
CALCIUM CARBONATE	No data	No data	5 mg/m ³	No data	5 mg/m ³

Section 09: Physical and chemical properties

Physical state..... Paste.
 Colour..... Blue.
 Odour..... Mild odour. Ester odour.
 Odour threshold (ppm)..... No data.
 Vapour pressure (mm Hg)..... <1 mm Hg @ 20C.
 Vapour density (air=1)..... >1. Heavier than air.
 pH..... Neutral.
 Specific gravity..... 1.2.
 Freezing point (deg C)..... No data.
 Solubility..... Slightly soluble in water.
 Boiling point (deg C)..... Decomposes.
 Evaporation rate..... <1. Slower than ether.
 Flash point (deg C), method..... 84 Seta Flash Closed Cup.

PRODUCT: WHITE CREAM HARDENER**Section 09: Physical and chemical properties**

Auto ignition temperature (deg C)..... No data.
 Upper flammable limit (% vol)..... No data.
 Lower flammable limit (% vol)..... No data.
 Coefficient of water/oil distribution..... No data.
 % Volatile by weight..... 10-20.
 VOC..... 0.0 g/L - 0.0 lb/usg.
 Viscosity..... No data.

Section 10: Stability and reactivity

Stability..... Stable at normal temperatures and pressures.
 Reactivity conditions..... Avoid heat, sparks and flames. Possible decomposition if exposed to elevated temperatures.
 Incompatibility..... Avoid contact in uncontrolled conditions with: Organic chemicals. Inorganic acids. Strong oxidizers. Accelerators. Reducing agents. Alcohols. Amines. Strong bases.
 Hazardous products of decomposition..... See hazardous combustion products.
 Hazardous polymerization..... Hazardous polymerization will not occur.

Section 11: Toxicological information

Route of entry Eye contact. Skin contact. Ingestion. Inhalation.
 Effects of acute exposure..... Contact with paste may result in irritation, redness, tearing, and blurred vision. May cause skin irritation. If ingested, this product may be absorbed and result in gastrointestinal irritation, nausea, vomiting, and diarrhea. Aspiration of material into the lungs can cause chemical pneumonitis which can be fatal.
 Effects of chronic exposure..... Prolonged or repeated skin contact may cause drying or cracking of skin.
 Sensitizing capability of material..... Prolonged or repeated exposure may result in skin sensitization.
 Carcinogenicity of material..... This product is not listed by NTP, IARC or regulated as a carcinogen by OSHA.
 Toxicological Data

Ingredients	LC50-inh, rat	LD50-Oral, rat
BENZYL PEROXIDE	No data	7710 mg/kg Rat Oral
NON-PHTHALATE PLASTICIZER	No data	No data
SILICA, AMORPHOUS	No data	3160 mg/kg rat oral
CALCIUM CARBONATE	No data	6450 mg/kg rat oral

Section 12: Ecological information

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

Section 13: Disposal considerations

Waste disposal..... Empty containers must be handled with care due to product residue. Dispose of as an industrial waste in a manner acceptable to good waste management practice and in accordance with applicable local, provincial/State or federal regulations.

Section 14: Transport information

TDG Classification (Road)..... The product meets the Limited Quantity exemption when packaged in containers less than 0.5 kg. For packages greater than 0.5 kg, the classification is - Organic Peroxide, Type E, Solid (Benzoyl Peroxide) - Class 5.2 - UN3108 - PG II.
 IATA Classification (Air)..... Organic peroxide, Type E, Solid (Benzoyl peroxide) - UN3108 - Class 5.2 - PG II.
 IMDG Classification (Marine)..... Organic Peroxide, Type E, Solid (Benzoyl peroxide) - UN3108 - Class 5.2 - PG II.
 Marine Pollutant..... No.

Section 15: Regulatory information

WHMIS classification..... B3, C, D2B, F.
 CEPA status..... On Domestic Substances List (DSL).
 Section 313..... Benzoyl peroxide.
 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.
 EPA hazardous air pollutants (HAPS) None.
 40CFR63
 TSCA inventory status..... All components are listed.

PRODUCT: WHITE CREAM HARDENER**Section 15: Regulatory information**

California Proposition 65..... This product does not contain any chemical(s) known to the State of California to cause cancer or reproductive toxicity.

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.

Disclaimer:..... Regulatory Affairs