



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

PRODUCT: 13544 URETHANE GRADE REDUCER (SLOW)

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..... 13544 URETHANE GRADE REDUCER (SLOW)

Recommended use and restrictions on use Paint reducer.

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 Liquid 2. Aspiration Toxicity 1. Reproductive Toxicity — Category 1. Skin Corrosion/Irritation — Category 2. Specific Target Organ Toxicity — Single Exposure — Category 3. (CNS). (Liver, Kidney). Specific Target Organ Toxicity — Repeated Exposure — Category 2. (CNS, Kidney, Liver). Specific Target Organ Toxicity (inhalation) — Repeated Exposure — Category 2. (Auditory system). (Eyes). (Liver).

Hazard Description..... H225 Highly flammable liquid and vapour. H304 May be fatal if swallowed and enters airways. H315 Causes skin irritation. H335 May cause respiratory irritation. H336 May cause drowsiness or dizziness. H360 May damage fertility or the unborn child. H373 May cause 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. 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. 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 + 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. P304 + P340 - If inhaled remove person to fresh air and keep comfortable for breathing. P308 + P313 If exposed or concerned, get medical advice/attention. P312 Call a POISON CENTER/doctor if you feel unwell. P314 - Get medical advice/attention 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. P362 + P364 - Take off contaminated clothing and wash before reuse. P370 + P378 In case of fire - use dry chemical powder, CO2 or foam to extinguish.

Storage..... P403+P433+P435 Store in a well ventilated area. Keep container tightly closed. Keep cool.

Disposal..... P405 Store locked up.
P501 Dispose all unused, waste or empty containers in accordance with local regulations.

PRODUCT: 13544 URETHANE GRADE REDUCER (SLOW)**SECTION 03: COMPOSITION / INFORMATION ON INGREDIENTS**

CHEMICAL NAME AND SYNONYMS	CAS #	WT. %
2-Propanol, 1-methoxy-, acetate	108-65-6	30-60
Distillates, pet, lt dist hydrotreat process, low-boil	68410-97-9	10-30
Toluene	108-88-3	10-30
Methyl Isobutyl Ketone	108-10-1	5-10

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. Consult a physician if irritations continues. Protect unharmed eye.
Skin contact.....	Immediately remove all contaminated clothing, flush skin with water for at least 15 minutes. Wash clothing before reuse. If irritation persists, seek medical attention.
Inhalation.....	If unconscious place in recovery position and seek medical advice. If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen, obtain medical attention.
Ingestion.....	Rinse mouth with water. Give 1 to 2 glasses of water to drink. Do not induce vomiting. 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. Get medical attention. Never give anything by mouth to an unconscious person.
Most important symptoms and effects, whether acute or delayed	Aspiration hazard. Causes skin and eye irritation.
Indication of immediate medical attention and special treatment needed, if necessary	In the event of an incident involving this product ensure that medical authorities are provided a copy of this safety data sheet. Treat symptomatically and supportively.

SECTION 05: FIRE-FIGHTING MEASURES

Suitable extinguishing media.....	Alcohol resistant foam. Carbon dioxide. Dry chemical.
Unsuitable extinguishing media.....	Do not use solid water streams or water jet.
Specific hazards arising from the hazardous product, such as the nature of any hazardous combustion products	Do not allow run-off from fire fighting to enter drains or water courses. Hazardous combustion products may include but not limited to: Carbon dioxide. Carbon monoxide. Unburned hydrocarbons. Toxic fumes. Hydrogen sulphide. Sulphuric acid.
Special protective equipment and precautions for fire-fighters	Firefighters should be equipped with a 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. Keep run-off water from entering sewers and other waterways. Dike for water control.

SECTION 06: ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures	Use personal protection equipment. Provide adequate ventilation. Remove all sources of ignition. 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. Beware of vapours accumulating to form explosive concentrations. Vapours can accumulate in low areas.
Environmental precautions.....	Do not allow product to leak into drains or waterways. If spill does contaminate waterways then inform authorities.
Methods and materials for containment and cleaning up	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.

SECTION 07: HANDLING AND STORAGE

Precautions for safe handling.....	Do not spray on a naked flame or any incandescent material. Take precautions against static discharge. Use explosion proof equipment. Keep away from heat, sparks, and open flame. Avoid skin and eye contact. Avoid breathing vapours or mist. Keep away from heat, sparks, and open flame. 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. Handle and open container with care. Keep container closed when not in use. Employees should wash hands and face before eating or drinking. Avoid formation of aerosol. Provide sufficient air exchange and/or exhaust in work rooms. Open drum carefully as content may be under pressure. Dispose of rinse water according to local, Provincial and Federal guidelines.
Conditions for safe storage, including any incompatibilities	No smoking. Observe label precautions. Keep container upright to avoid spillage. Store containers in a cool, dry and well ventilated area, out of sunlight and away from fire hazards. Keep container closed when not in use.

PRODUCT: 13544 URETHANE GRADE REDUCER (SLOW)**SECTION 08: EXPOSURE CONTROLS / PERSONAL PROTECTION**

INGREDIENTS	TWA	ACGIH TLV STEL	PEL	OSHA PEL STEL	REL NIOSH
2-Propanol, 1-methoxy-, acetate	50 ppm	75 ppm	Not established	Not established	Not established
Distillates, pet, lt dist hydrotreat process, low-boil	Not available	Not available	Not available	Not available	Not available
Toluene	Not available 20 ppm	Not available	200 ppm	500 ppm 10 minutes	100 ppm / STEL 150 ppm
Methyl Isobutyl Ketone	CA ON: TWA: 20 ppm 50 ppm	75 ppm	100 ppm	Not established	50 ppm / STEL 75 ppm
ON: 20 ppm (TWA), 75 ppm (STEL)					

Personal Protective Equipment

Respiratory/type.....	Local exhaust ventilation is recommended. Wear an appropriate, properly fitted respirator when contaminant levels exceed the recommended exposure limits. Be sure to use a NIOSH approved respirator or equipment. Do not exceed the use limits of the respirator. Consult your personal protective equipment supplier for additional recommendations.
Eye/type.....	Chemical safety goggles. Chemical safety goggles and full faceshield if splash hazard exists. Consult your personal protective equipment supplier for additional recommendations.
Gloves/ type.....	Chemical resistant gloves. Consult your personal protective equipment supplier for additional recommendations.
Clothing/type.....	Wear chemical resistant 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.....	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. Wash hands and face before eating, drinking or smoking. And at the end of work day before going home.
Appropriate engineering controls.....	Ventilation system should be designed for vapors and explosion proof for handling solvent vapors. Local exhaust should be used to maintain levels below the exposure limits. Where concentrations are above recommended limits or are unknown, appropriate respiratory protection should be worn.

SECTION 09: PHYSICAL AND CHEMICAL PROPERTIES

Appearance/Physical state.....	Liquid.
Colour.....	Colourless.
Odour.....	Pungent odour.
Odour threshold (ppm).....	Not available.
Vapour pressure (mm Hg).....	Not available.
Vapour density (air=1).....	Not available.
pH.....	Not available.
Relative Density (Specific Gravity).....	0.856.
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.....	-9 °C.
Auto ignition temperature (deg C).....	Not available.
Upper flammable limit (% vol).....	Not available.
Lower flammable limit (% vol).....	Not available.
Partition coefficient — n-octanol/water.....	Not available.
Viscosity.....	Not available.
% Volume Volatile exempt.....	0.00.
Formula LBS/GAL.....	7.14.
% Weight Volatile (VOC).....	100.00.
% Volume Volatile (VOC).....	100.00.
Total MIR.....	2.05.
VOC LBS/GAL less exempt volatiles.....	7.14.
VOC LBS/GAL less water.....	7.14.

PRODUCT: 13544 URETHANE GRADE REDUCER (SLOW)**SECTION 10: STABILITY AND REACTIVITY**

Reactivity	No dangerous reaction.
Chemical stability.....	Stable at normal temperatures and pressures.
Possibility of hazardous reactions.....	Vapours may form explosive mixture with air. Reacts with air to form peroxide.
Conditions to avoid, including static discharge, shock or vibration	Avoid heat, spark, open flames. Exposure to moisture. Incompatibilities include but not limited to the following: Alkalis. Chloroform. Hydrogen peroxide. Nitric acid. Oxidizing agents. Strong reducing agents. Strong acids. Strong oxidizing agents. Acids. Aldehydes. Amines. Bases. Halogenated compounds. Metals. Nitrogen oxides. Peroxides.
Hazardous decomposition products.....	Carbon oxides. Sulfur oxides.

SECTION 11: TOXICOLOGICAL INFORMATION

INGREDIENTS	LC50	LD50
2-Propanol, 1-methoxy-, acetate	Not Available	8,532 mg/kg rat oral 5,000 mg/kg dermal rabbit
Distillates, pet, lt dist hydrotreat process, low-boil	Not available	Not available
Toluene	8000ppm (rat inhalation) 400ppm mouse (inhalation 24hr)	5,000 mg/kg (rat ora); 12,124 mg/kg (rabbit dermal)
Methyl Isobutyl Ketone	8.2 - 16.4 mg/L 4 hours rat	2080 mg/kg (rat oral) >16,000 mg/kg (rabbit dermal)
Route of exposure.....	Eye contact. Skin contact. Inhalation. Ingestion.	
Acute Toxicity.....	Acute inhalation toxicity : Acute toxicity estimate: > 40 mg/l; Exposure time: 4 h; Test atmosphere: vapour; Acute toxicity estimate: > 5,000 mg/kg .	
Serious eye damage/eye irritation.....	Irritating to the eyes. May cause irreversible eye damage.	
Skin corrosion/irritation.....	Causes skin irritation.	
Carcinogenicity.....	No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC or ACGIH.	
Reproductive effects.....	Some evidence of adverse effects on development, based on animal experiments.	
STOT-SE.....	May cause drowsiness or dizziness. Certain components of this product causes narcotic effects. May cause respiratory irritation.	
STOT-RE.....	May cause damage to organs through prolonged and repeated exposure.	
Aspiration Hazard.....	May be fatal if swallowed and enters airways.	

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity.....	Toluene is harmful to aquatic life with long lasting effects.
Bioaccumulative potential.....	Not available.
Mobility in soil.....	Not available.
Persistence and degradability.....	Not available.

SECTION 13: DISPOSAL CONSIDERATIONS

Information on safe handling for disposal and methods of disposal, including any contaminated packaging	Empty containers must be handled with care due to product residue. Do not heat or cut empty containers with electric or gas torch. 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.
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SECTION 14: TRANSPORT INFORMATION

TDG Classification.....	UN1263 - PAINT RELATED MATERIAL - Class 3 - Packing Group II - This product meets the Limited Quantity exemption when packaged in containers less than 5 liters.
DOT Classification (Road).....	UN1263 - PAINT RELATED MATERIAL - Class 3 - Packing Group II - Ltd Qty (5 L). Refer to 49CFR 172.101 for additional non-bulk packaging requirement.
IATA Classification (Air).....	UN1263 - PAINT RELATED MATERIAL - Class 3 - Packing Group II.
IMDG Classification (Marine).....	UN1263 - PAINT RELATED MATERIAL - Class 3 - Packing Group II - EmS: F-E S-E.
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. .

SECTION 15: REGULATORY INFORMATION

CEPA status.....	On Domestic Substances List (DSL).
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 # 78-93-3). (CAS # 108-88-3). (CAS # 68410-97-9).

PRODUCT: 13544 URETHANE GRADE REDUCER (SLOW)**SECTION 15: REGULATORY INFORMATION**

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. Xylene (CAS # 1330-20-7) Part 1.

National Pollutant Release Inventory (NPRI) Some components are subject to reporting under NPRI. Please check your responsibility. (CAS # 108-65-6 (CAT 5)). (CAS # 78-93-3 (Cat 1A & 5)). (CAS # 108-88-3 (CAT 1A & 5)). (CAS # 1330-20-7 (CAT 1A & 5)).

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 None.

substances

Section 311/312 - hazard categories..... Immediate health, delayed health, fire hazard.

Section 313..... Toluene. Methyl Isobutyl Ketone. Xylene.

EPA hazardous air pollutants (HAPS) Methyl Ethyl Ketone. Toluene. Xylene.

40CFR63

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)).

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.

Date of the latest revision of the safety .. 2025-07-14

data sheet