



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

PRODUCT: 12046 BASE COAT STABILIZER (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..... 12046 BASE COAT STABILIZER (SLOW)

Recommended use and restrictions on .. Paints.
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 (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 Liquid 2. Aspiration Toxicity 1. Skin Irritation — Category 2. Acute Toxicity (Inhalation) — Category 4. Specific Target Organ Toxicity — Single Exposure — Category 3. (narcotic effects). Reproductive Toxicity — Category 2.

Hazard Description..... H225 Highly flammable liquid and vapour. H304 May be fatal if swallowed and enters airways. H315 Causes skin irritation. H332 Harmful if inhaled. H336 May cause drowsiness or dizziness. H361 Suspected of damaging fertility or the unborn child.

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. 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 P370 + P378 In case of fire - use dry chemical powder, CO2 or foam to extinguish. 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. P312 Call a POISON CENTER/doctor if you feel unwell. P301 + P310 If swallowed IMMEDIATELY CALL A POISON CONTROL CENTRE and follow instructions provided by the centre. P331 Do NOT induce vomiting. P302 + P352 - If on skin: wash with plenty of water. P332 + P313 - If skin irritation occurs get medical attention or advice. P362 + P364 - Take off contaminated clothing and wash before reuse. P308 + P313 If exposed or concerned, get medical advice/attention. P321 - For specific treatment see section 4 on this SDS.

Storage..... P405 Store locked up. P235 Keep cool. P403 + P233 Store in a well ventilated area. Keep container tightly closed.

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. %
Xylene	1330-20-7	30-60
n-Butyl Acetate	123-86-4	10-30
Acetic acid, 2-ethylhexyl ester	103-09-3	5-10

PRODUCT: 12046 BASE COAT STABILIZER (SLOW)**SECTION 03: COMPOSITION / INFORMATION ON INGREDIENTS**

Methyl N-Amyl Ketone	110-43-0	1-5
n-Heptane	142-82-5	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. Consult a physician if irritation continues.
Skin contact.....	Immediately flush skin with plenty of soap and water. Remove contaminated clothing. Wash clothing before reuse. 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 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. Seek medical assistance as soon as possible.
Most important symptoms and effects, whether acute or delayed	Harmful if swallowed, in contact with skin or if inhaled. Causes skin irritation. This product contains ingredients that may cause cancer. This product contains ingredients that are suspected of damaging fertility or the unborn child.
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. The main hazard from ingestion is aspiration of the liquid into the lungs producing chemical pneumonitis.

SECTION 05: FIRE-FIGHTING MEASURES

Suitable and unsuitable extinguishing media	Dry chemical. Carbon dioxide. Foam. 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	Oxides of carbon (CO, CO ₂). Dense black smoke. Other potentially toxic fumes.
Special protective equipment and precautions for fire-fighters	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.
Unusual fire / explosion hazards.....	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.

SECTION 06: ACCIDENTAL RELEASE MEASURES

Leak/spill.....	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.
Major spills.....	If transportation spill occurs in United States, call Chemtrec 1-800-424-9300. If transportation spill occurs in Canada, call Canutec at (613) 996-6666. Large quantities may be pumped into closed, but not sealed, containers for disposal.
Minor spills.....	Cover spill area with suitable absorbent material (e.g., sand, earth, sawdust, vermiculite, Oil-Dri, Kitty Litter, etc.). Shovel all absorbed material, including absorbent socks or spill pillows, into an appropriate salvage drum.
Clean up.....	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.....	Keep away from heat, sparks, and open flame. Prevent accumulation of electrostatic charges. Ensure that equipment is properly bonded and grounded during filling and transferring as product may become electrostatically charged. Avoid skin and eye contact. Do not breathe vapours, mist or dust. Use adequate ventilation. Wash thoroughly after handling. Employee education and training are important.
Conditions for safe storage, including any incompatibilities	Keep away from heat, sparks, and open flames. Store in a cool, dry and well ventilated area. Do not reseal if contamination is suspected.

SECTION 08: EXPOSURE CONTROLS / PERSONAL PROTECTION

PRODUCT: 12046 BASE COAT STABILIZER (SLOW)**SECTION 08: EXPOSURE CONTROLS / PERSONAL PROTECTION**

INGREDIENTS	ACGIH TLV		PEL	OSHA PEL		REL	NIOSH
	TWA	STEL		STEL	STEL		
Xylene	50 ppm CA ON: 100ppm (TWA); 150ppm (STEL)	150 ppm	100 ppm TWA	Not established	Not established		Not established
n-Butyl Acetate	50 ppm CA ON: 50ppm (TWA), 150ppm (STEL)	150 ppm	150 ppm	200 ppm			150 ppm / STEL 200 ppm
Acetic acid, 2-ethylhexyl ester	Not established No data	Not established	Not established	Not established	Not established		Not established
Methyl N-Amyl Ketone	50 ppm CA ON: 25 ppm; 115 mg/m3 (TWA)	Not established	100 ppm	465 mg/m3 TWA			Not established
n-Heptane	400 ppm CA ON: 400ppm (TWA), 500ppm (STEL)	500 ppm	500 ppm	Not Established			85 ppm / STEL 440 ppm
Personal Protective Equipment							
Respiratory/type.....	Use NIOSH approved respirator or equipment. Do not exceed the use limits of the respirator.						
Eye/type.....	Chemical safety goggles and full faceshield if a splash hazard exists.						
Gloves/ type.....	Chemical resistant gloves.						
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.						
Appropriate engineering controls.....	Local exhaust should be used to maintain levels below the exposure limits. Ventilation system must be designed vapor and explosion proof for handling solvent vapors.						

SECTION 09: PHYSICAL AND CHEMICAL PROPERTIES

Appearance/Physical state.....	Liquid.
Colour.....	Clear, colourless.
Odour.....	Aromatic.
Odour threshold (ppm).....	Acetic acid, 2-ethylhexyl ester : 0.007 ppm.
Vapour pressure (mm Hg).....	< =. 11.3 mmHg @ 25°C.
Vapour density (air=1).....	No data.
pH.....	No data.
Relative Density (Specific Gravity).....	7.2 lb/usg - 0.863 g/mL.
Melting / Freezing point (deg C).....	Not available.
Solubility.....	Negligible.
Initial boiling point / boiling range (deg C).....	>. 98 °C (208 °F).
Evaporation rate.....	Not available.
Flash point (deg C), method.....	10. (estimate; lowest flash point ingredient).
Auto ignition temperature (deg C).....	> 215.
Upper flammable limit (% vol).....	7.5.
Lower flammable limit (% vol).....	0.9.
Partition coefficient — n-octanol/water.....	Not available.
% Volatile by weight.....	97.
VOC (less water).....	6.99 lb/usg.
Viscosity.....	Not available.

SECTION 10: STABILITY AND REACTIVITY

Chemical stability.....	Stable at normal temperatures and pressures.
Reactivity	Keep away from sparks or open flame.
Possibility of hazardous reactions.....	Will not occur under normal temperature and pressure.
Conditions to avoid, including static discharge, shock or vibration	Strong oxidizers. Strong acids. Chromium trioxide. Perchloric acid. Amines. Alumina. Silica gel.
Hazardous decomposition products.....	See hazardous combustion products section 5.

PRODUCT: 12046 BASE COAT STABILIZER (SLOW)**SECTION 11: TOXICOLOGICAL INFORMATION**

INGREDIENTS	LC50	LD50
Xylene	6350 ppm 4 hours rat	>3523 mg/kg rat oral
n-Butyl Acetate	>33 mg/L vapour, 5.2 mg/L (rat) dust/mist	10760 mg/kg (rat, oral) 14112 mg/kg (rabbit, dermal)
Acetic acid, 2-ethylhexyl ester	No data	3000 mg/kg rat oral
Methyl N-Amyl Ketone	Not Available	1,670 mg/kg rat oral 12,600 mg/kg rabbit dermal
n-Heptane	103 mg/m3 rat 4 hr	> 5000 mg/kg (oral, rat)
Route of exposure.....	Eye contact. Skin contact. Inhalation.	
Effects of acute exposure.....	Can cause moderate skin irritation. Skin irritation signs and symptoms may include a burning sensation, redness, swelling and blisters. May be absorbed through the skin. Aspiration of material into lungs can cause chemical pneumonitis which can be fatal. Breathing of high vapour concentrations may cause anesthetic effects and serious health effects.	
Effects of chronic exposure.....	Intentional misuse by deliberately concentrating and inhaling this product may be harmful or fatal. Long term exposure of xylene may cause nervous system effects with symptoms such as headaches, irritability, depression, insomnia, agitation, extreme tiredness, tremors, impaired concentration and short term memory. .	
Skin absorption.....	May be harmful if absorbed through the skin.	
Carcinogenicity of material.....	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.....	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.	

SECTION 12: ECOLOGICAL INFORMATION

Environmental..... Do not allow to enter waters, waste water or soil.
Persistence and degradability..... Not available.

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..... UN1263 - PAINT - Class 3 - Packing Group II - This product meets limited quantity exemption when shipped in containers less than 5 litres.
DOT Classification (Road)..... UN1263 - PAINT - Class 3 - Packing Group II - Ltd Qty (1 Liter). Refer to 49CFR 172.101 for additional non-bulk packaging requirements.
IATA Classification (Air)..... UN1263 - PAINT - Class 3 - Packing Group II. Limited Quantity. Do not ship by air without checking appropriate IATA regulations.
IMDG Classification (Marine)..... UN1263 - PAINT - Class 3 - Packing Group II - EmS: F-E S-E. Limited Quantity. Check IMDG regulations for limited quantity exemptions.
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

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..... Xylene.
EPA hazardous air pollutants (HAPS) Ethylbenzene. Xylene.
40CFR63
California Proposition 65..... *WARNING: This product contains a chemical known to the State of California to cause cancer.

PRODUCT: 12046 BASE COAT STABILIZER (SLOW)**SECTION 16: OTHER INFORMATION**

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.

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data sheet