

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

### PRODUCT: 16400A INSTA WELD KIT PARTA 16402

### SECTION 01: Chemical product and company identification

Pro Form Products Ltd. Manufactured for..... 604 McGeachie Drive

Milton, Ontario L9T3Y5 Tel (905) 878-4990 Fax (905) 878-1189 16400A ÍNSTA WELD KIT PÁRTA 16402 Product name.....

Recommended use and restrictions on use... Adhesive applications.

Mixture.

Chemical family.....

NFPA rating..... HMIS.....

24 hour emergency number:.....

Health: 2 fire: 2 reactivity: 1. H: 2 F: 2 R: 1.

IN CANADA CALL CANUTEC 1-888-226-8832 (CAN-UTEC); IN THE UNITED STATES

CALL CHEMTREC 1-800-424-9300. .

### **SECTION 02: Hazards identification**



Signal Word...... WARNING. Hazard Classification..... Flammable Liquid 4. Skin Irritant 2. Eye Irritant 2A. Specific Target Organ Toxicity — Single Exposure — 3. (respiratory system). H227 Combustible liquid. H315 Causes skin irritation. H319 Causes serious eye irritation. Hazard Description..... H335 May cause respiratory irritation. H336 May cause drowsiness or dizziness. P210 Keép away from heat, sparks, open flames and hot surfaces. No smoking. P261 Prevention..... 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. P305 + P351 + P338 If in eyes rinse cautiously with water for several minutes. Remove Response ..... contact lenses, if present and easy to do. Continue rinsing until medical help arrives. P337 + P313 - If eye irritation persists get medical attention. P370 + P378 In case of fire - use dry chemical powder, CO2 or foam to extinguish. P302 + P352 - If on skin: wash with plenty of water. . P321 - For specific treatment see section 4 on this SDS. P332 + P313 - If skin irritation occurs get medical attention or advice. P362 + P364 - Take off contaminated clothing and wash before reuse. P304 + P340 - If inhaled remove person to fresh air and keep comfortable for breathing. P312 Call a POISON CENTER/doctor if you feel unwell. P403 Store in a well ventilated area. P403 + P233 Store in a well ventilated area. Keep container tightly closed. P405 Store locked up. P501 Dispose all unused, waste or empty containers in accordance with local regulations. Disposal.....

SECTION 03: Composition/Information on Ingredients						
HAZARDOUS INGREDIENTS	CAS#	WT. %				

2-Propenoic acid, 2-cyano-, ethyl ester 7085-85-0 50-100

### **SECTION 04: First aid measures**

least 15 minutes. Obtain medical attention. Cyanoacrylate will bond to the eye protein and causes a lachrymatory effect which will help de-bond the adhesive. Keep eyes covered

until de-bonding is completed (usually 1-4 days). .

Bonds rapidly and strongly. May cause burns. Immerse bonded surface in warm soapy

water. Peel or roll surface apart with the aid of a blunt edge. Do not pull apart with direct opposing action. If skin is burned by a large drop seek medical help. If the lips are accidentally bonded apply warm soapy water, encourage maximum wetting and pressure from saliva inside the mouth and peel or roll lips apart. Do not try to pull lips apart. Burns should be treated symptomatically after the cyanoacrylate is released from the skin. .



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### **SECTION 04: First aid measures**

If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is Inhalation..... difficult, give oxygen, obtain medical attention.

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 Ingestion..... prevent aspiration of fluid into the lungs. Never give anything by mouth to an unconscious

person.

Most important symptoms and effects, ....... May cause breathing difficulty.

whether acute or delayed 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

Suitable and unsuitable extinguishing media

"Alcohol" foam, CO2, dry chemical. In cases of larger fires, water spray should be used. Do not use water in a jet.

Oxides of carbon (CO, CO2). Nitrogen compounds. Hazardous combustion products..... Special fire fighting procedures.....

Polymerized by water, avoid use. 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. Keep run-off water from entering sewers and other waterways. Dike for water control.

# **SECTION 06: Accidental release measures**

Leak/spill..... Ventilate. Eliminate all sources of ignition. Contain the spill. Avoid all personal contact.

Evacuate all non-essential personnel. Prevent runoff into drains, sewers, and other waterways. Allow to solidify. Take up mechanically, fill into labelled, closable containers.

Do not use cotton or natural fiber cloths for clean up.

### SECTION 07: Handling and storage

Handling procedures..... Keep away from heat, sparks, and open flame. 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. Handle and open container with care. Employees should wash

hands and face before eating or drinking.

Keep away from heat, sparks, and open flames. Keep container closed when not in use. Store away from strong oxidizers. Store away from sunlight. Storage needs.....

## SECTION 08: Exposure controls / personal protection

**ACGIH TLV OSHA PEL** NIOSH **INGREDIENTS** TWA STEL **PEL** STEL **REL** 

2-Propenoic acid, 2-cyano-, ethyl ester 1 mg/m<sup>3</sup>, 0.2 ppm (TLV)

Not established

Not established

Not established

Not established

Protective equipment

Clothing/type.....

Appropriate engineering controls.....

Other/type.....

Local exhaust ventilation is recommended. Wear an appropriate, properly fitted respirator Respiratory/type.....

when contaminant levels exceed the recommended exposure limits. Liquid chemical goggles.

Eye/type..... Gloves/ type.....

Chemical resistant gloves. Do not use:. Cotton or natural fibre gloves. PVC.

Wear adequate protective clothes. Safety boots per local regulations. Footwear/type.....

Local exhaust at points of emission.

Emergency showers and eye wash stations should be available. During processing, ensure efficient exhaust ventilation in the working area. Keep away from foodstuffs, drinks and tobacco. Wash hands before breaks and at end of work. Keep working clothes separate.

Change contaminated or soaked clothing.

# **SECTION 09: Physical and chemical properties**

Physical state..... Liquid. Colourless. Colour..... Characteristic odour. Odour..... Odour threshold (ppm)..... No data. Vapour pressure (mm Hg)..... 0.27 hPa. @ 20°C. Vapour density (air=1)..... No data.





#### PRODUCT: 16400A INSTA WELD KIT PARTA 16402

# **SECTION 09: Physical and chemical properties**

Not applicable. Relative Density (Specific Gravity)..... 8.762 lbs/USG; 1.05. Melting / Freezing point (deg C)..... Initial boiling point / boiling range (deg C).... Not Available. >150. Solubility..... Polymerizes. Not miscible. Not available. Not available. Upper flammable limit (% vol)..... Not available. Lower flammable limit (% vol)..... Not available. Coefficient of water\oil distribution..... Not available. % Volatile by volume..... 0 lb/usg - 0 g/mL.

# **SECTION 10: Stability and reactivity**

Chemical stability..... Stable at normal temperatures and pressures. Reacts with alcohols, amines, aqueous acids and alkalis. Reacts slowly with water, forming Reactivity ..... carbon dioxide. Keep away from heat. Incompatible with strong oxidizers. Amines. Alcohols. Alkali and Conditions to avoid..... reducing materials. Water. Hazardous decomposition products..... By fire: Oxides of carbon (CO,CO2). Nitrogen compounds. Dense black smoke. Rapid polymerization will occur in the presence of water, amines, alkalis, and alcohol. Possibility of hazardous reactions..... Avoid skin contact.

## **SECTION 11: Toxicological information**

**INGREDIENTS** LC50 LD50

2-Propenoic acid, 2-cyano-, ethyl ester

21.11 mg/L (1 hr/14days) rat

5000 mg/kg rat oral 2000 mg/kg

rabbit dermal

Route of exposure..... Eve contact. Skin contact. Inhalation. Effects of chronic exposure.....

Prolonged or repeated exposure may result in an allergic respiratory reaction in sensitive individuals.

Can cause moderate irritation, defatting and dermatitis. Immediate bonding of skin and Skin contact..... eyes.

Causes eye irritation. Contact with vapours can cause excessive tearing. Eyelids may bond Eye contact..... closed.

Inhalation (acute)..... Excessive inhalation of vapours can cause respiratory irritation, dizziness, headache, vomiting and unconsciousness. Asthmatic symptoms.

Inhalation (chronic)..... Prolonged and repeated exposure to vapors may produce allergic reactions with asthma-like symptoms in sensitive individuals.

Will polymerize rapidly adhesing to the mouth.

No component of this product present at levels greater than or equal to 0.1% is identified Carcinogenicity of material.....

as probable, possible or confirmed human carcinogen by IARC or ACGIH.

Reproductive effects..... None 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**

Waste disposal..... Dispose of waste in accordance with all applicable Federal, Provincial/State and local regulations. Avoid release into the environment.

### **SECTION 14: Transport information**

TDG Classification.....DOT Classification (Road)..... Not regulated. Not regulated. IATA Classification (Air)..... Not regulated. IMDG Classification (Marine)..... Not regulated.

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. .

### PRODUCT: 16400A INSTA WELD KIT PARTA 16402

## **SECTION 15: Regulatory information**

#### **SECTION 16: Other information**

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.

Preparation date: ..... NOV 27/2017



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

## PRODUCT: 16400B INSTA WELD PART B 16406

### SECTION 01: Chemical product and company identification

Pro Form Products Ltd. Manufactured for..... 604 McGeachie Drive

Milton, Ontario L9T3Y5 Tel (905) 878-4990 Fax (905) 878-1189

16400B ÍNSTA WELD PART B 16406 Product name.....

Recommended use and restrictions on use Cleaning solution.

Mixture. Chemical family.....

Health: 2 Fire: 3 Reactivity: 0. H: 2 F: 3 R: 0. NFPA rating..... HMIS.....

IN CANADA CALL CANUTEC 1-888-226-8832 (CAN-UTEC); IN THE UNITED STATES 24 hour emergency number:.....

CALL CHEMTREC 1-800-424-9300. .

### **SECTION 02: Hazards identification**



Signal Word..... DANGER. Flammable Liquid 2. Aspiration Toxicity 1. Skin Irritant 2. Specific Target Organ Toxicity Hazard Classification..... - Single Exposure — Category 3. (respiratory system). Specific Target Organ Toxicity Repeated Exposure — Category 2. H225 Highly flammable liquid and vapour. H304 May be fatal if swallowed and enters airways. H315 Causes skin irritation. H335 May cause respiratory irritation. H373 May Hazard Description..... cause damage to organs through prolonged or repeated exposure. 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 Prevention..... precautionary measures against static discharge. P260 Do not breathe mist, vapours, or spray. P264 Wash thoroughly after handling. P271 Use only outdoors or in a well ventilated area. P280 Wear protective gloves and eye protection. P370 + P378 In case of fire - use dry chemical powder, CO2 or foam to extinguish. P303 + Response ..... P361 + P353 If on skin or in hair: take off all contaminated clothing immediately. Rinse thoroughly with water and use safety shower . P301 + P310 If swallowed IMMEDIATELY CALL Ă 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. P304 + P340 - If inhaled remove person to fresh air and keep comfortable for breathing. P312 Call a POISON CENTER/doctor if you feel unwell. P235 Keep cool. P403 + P233 Store in a well ventilated area. Keep container tightly Storage..... closed. P405 Store locked up. P501 Dispose all unused, waste or empty containers in accordance with local regulations. Disposal..... Note ..... This product mixture has been classified based on its ingredients.

SECTION 03: Composition/Information on Ingredients					
HAZARDOUS INGREDIENTS	CAS#	WT. %			
Naphtha (petroleum), hydro-treated light	64742-49-0	95-100			
N,N-Dimethyl-p-toluidine	99-97-8	1-5			
*Note: Solvent naphtha (pertroleum) contains n-Heptane: CAS# 142-82-5					

### PRODUCT: 16400B INSTA WELD PART B 16406

#### **SECTION 04: First aid measures**

Eye contact	In case of contact, immediately flush eyes, keeping eyelids open, with plenty of water for at
Skin contact	least 15 minutes. If irritation persists, obtain medical attention.  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
Inhalation	irritation persists, seek medical attention. 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. Never give anything by mouth to an unconscious person.
Most important symptoms and effects, whether acute or delayed	
Additional information	respiratory irritation. Causes damage to organs through prolonged or repeated exposure. Treat victims symptomatically. The main hazard from ingestion is aspiration of the liquid into the lungs producing chemical pneumonitis. 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**

Suitable and unsuitable extinguishing media "Alcohol" foam, CO2, dry chemical. In cases of larger fires, water spray should be used. Do not use water in a jet.

Hazardous combustion products..... Special fire fighting procedures..... Oxides of carbon (CO, CO2). Hydrocarbon fumes and smoke.

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**

Leak/spill.....

Keep away from heat, sparks and flames. Ventilate. Eliminate all sources of ignition. Avoid all personal contact. Evacuate all non-essential personnel. Contain the spill. Prevent runoff into drains, sewers, and other waterways. Absorb with an inert dry material and place in an appropriate waste container. 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. 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 all skin contact and ventilate adequately, otherwise wear an appropriate breathing apparatus. Avoid breathing vapours or mist. 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. Store away from oxidizing and reducing materials. Store away from sunlight. Keep container closed when not in use. Avoid:. Polystyrene, Natural rubber, Butyl rubber, EPDM.

#### SECTION 08: Exposure controls / personal protection

INGREDIENTS	TWA	CGIH TLV STEL	OSH, PEL	A PEL STEL	NIOSH REL		
Naphtha (petroleum), hydro-treated light	1640 mg/m3 (heptane)	Not established	Not established	Not established	Not established		
N,N-Dimethyl-p-toluidine	No data	No data	No data	No data	No data		
	No data						
Protective equipment Respiratory/type		Local exhaust ventilation is recommended. Wear an appropriate, properly fitted respirator when contaminant levels exceed the recommended exposure limits.					
Eye/type		Liquid chemical goggles. Chemical safety goggles and full faceshield if a splash hazard			a splash hazard		
Gloves/ type		exists. Chemical resistant gloves. Wear adequate protective clothes.					

#### PRODUCT: 16400B INSTA WELD PART B 16406

# SECTION 08: Exposure controls / personal protection

Footwear/type...... Safety boots per local regulations.

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

exposure limits. Local mechanical exhaust 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.

### **SECTION 09: Physical and chemical properties**

Physical state..... Liquid. Colour..... Clear, colourless. Mild. Petroleum. Odour..... Odour threshold (ppm)..... No data. Vapour pressure (mm Hg)..... 5.904 kPa @ 20C. (main ingredient). Vapour density (air=1)..... pH.....Relative Density (Specific Gravity)..... Not applicable. 5.82 lbs/USG; 0.698. Melting / Freezing point (deg C)..... No data. Solubility..... Negligible. Initial boiling point / boiling range (deg C). 94-98°C (201-208°F). -8. (estimate; lowest flash point ingredient). Auto ignition temperature (deg C)..... 282°C (540°F). Upper flammable limit (% vol)..... Lower flammable limit (% vol)..... 6.7. 1.1. Coefficient of water\oil distribution..... No Data. % Volatile by volume..... 98.98 5.73 lbs/USG. VOC..... Viscosity..... 0.58 cST @25 C. (main ingredient).

### **SECTION 10: Stability and reactivity**

# **SECTION 11: Toxicological information**

**INGREDIENTS** LC50 LD50 Naphtha (petroleum), hydro-treated light 8,000 mg/kg rat oral 2,000 mg/m3 4 hours rat 1400 mg/m3 rat 4 hours N,N-Dimethyl-p-toluidine No data Route of exposure..... Eye contact. Skin contact. Inhalation. Effects of chronic exposure..... Breathing high concentrations of vapour may cause anesthetic effects and serious health effects. Prolonged or repeated skin contact may cause drying or cracking of skin. Skin contact..... Can cause moderate irritation, defatting and dermatitis. Skin absorption..... May be harmful if absorbed through the skin. Eye contact..... Can cause redness, irritation, tissue destruction. Excessive inhalation of vapours can cause respiratory irritation, dizziness, headache, Inhalation (acute)..... vomiting and unconsciousness. Inhalation (chronic)..... Chronic exposure to organic solvent vapors have been associated with various neurotoxic effects including permanent brain and/or nervous system damage, kidney, liver, blood damage and reproductive effects among women. Symptoms may include nausea, vomiting, abdominal pain, headache, impaired memory, loss of coordination, insomnia and breathing difficulties. May be harmful or fatal if swallowed. Swallowing causes inebriation, headache, vomiting, Ingestion..... leading to severe illness, blindness, even death. Aspiration of material into lungs can cause chemical pneumonitis which can be fatal. N,N-dimethyl-p-toluidine is known by the State of California to cause cancer. IARC 3. Carcinogenicity of material..... Reproductive effects..... None known. Specific Target Organ Toxicity ..... May cause respiratory irritation. Causes damage to organs through prolonged or repeated exposure.



#### PRODUCT: 16400B INSTA WELD PART B 16406

# **SECTION 12: Ecological information**

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

## **SECTION 13: Disposal considerations**

Waste disposal..... 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.

#### **SECTION 14: Transport information**

UN1993 - FLAMMABLE LIQUID, N.O.S. (Naphtha, (petroleum), hydrotreated light) - Class TDG Classification..... 3 - Packing Group II. Limited Quantity Index: 1 L.

UN1993 - FLAMMABLE LIQUID, N.O.S. (Naphtha, (petroleum), hydrotreated light) - Class DOT Classification (Road)..... 3 - Packing Group II. Ltd Qty (1 Liter/0.26 Gallons). Refer to 49CRF 172.101 for additional

non-bulk packaging requirements. UN1993 - FLAMMABLE LIQUID, N.O.S. (Naphtha, (petroleum), hydrotreated light) - Class IATA Classification (Air)..... 3 - Packing Group II. Limited Quantity. Do not ship by air without checking appropriate

IATA regulations. UN1993 - FLAMMABLE LIQUID, N.O.S. (Naphtha, (petroleum), hydrotreated light) - Class IMDG Classification (Marine).....

3 - Packing Group II. EmS: F-E,S-E. Limited Quantity. Check IMDG regulations for limited quantity exemptions.

Marine Pollutant..... Potential marine pollutant.

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. Proof of Classification.....

### **SECTION 15: Regulatory information**

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 ........ None

substances

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

Section 313..... None. None.

EPA hazardous air pollutants (HAPS) ...... 40CFR63

California Proposition 65..... \*WARNING: This product contains a chemical known to the State of California to cause cancer. (N,N-Dimethyl-p-toluidine).

#### **SECTION 16: Other information**

REGULATORY AFFAIRS. Trivalent Data Systems Ltd. www.trivalent.com. Prepared by: .....

Telephone number:.....

(800) 387-7981. DISCLAIMER: All information appearing herein is based upon data obtained from Disclaimer: 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.

Preparation date: ..... APR 12/2018

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