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

16400 INSTA WELD KIT: 16402 PART A **PRODUCT:**

FORM

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	16400 INSTA WELD KIT: 16402 PART A
Recommended use and restrictions on	Adhesive applications.
use	
Chemical family	Mixture.
NFPA rating	Health: 2 fire: 2 reactivity: 1.
HMIS	H: 2 F: 2 R: 1.
24 hour emergency number:	For transportation emergencies (in Canada) call CANUTEC 1-888-226-8832 (CAN-UTEC);
0	IN THE UNITED STATES CALL CHEMTRÉC 1-800-424-9300.
	** For medical emergencies contact your local poison control centre **.

SECTION 02: HAZARD IDENTIFICATION



Signal Word Hazard Classification	WARNING.
Hazard Classification	Flammable Liquid 4. Skin Irritation — Category 2. Eye Irritation — Category 2A. Specific Target Organ Toxicity — Single Exposure — Category 3. (respiratory system).
Hazard Description	H227 Combustible liquid. H315 Causes skin irritation. H319 Causes serious eye irritation. H335 May cause respiratory irritation. H336 May cause drowsiness or dizziness.
Prevention	P210 Keep away from heat, sparks, open flames and hot surfaces. No smoking. 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	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. 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.
Storage	P403 Store in a well ventilated area. 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.
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SECTION 03: COMPOSITION / INFORMATION ON INGREDIENTS

CHEMICAL NAME AND SYNONYMS

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

CAS #

7085-85-0

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. 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). .

WT. %

50-100



SECTION 04: FIRST-AID MEASURES

Skin contact	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 symptometically after the organized from the skin.
Inhalation	should be treated symptomatically after the cyanoacrylate is released from the skin 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.
Most important symptoms and effects, whether acute or delayed	May cause breathing difficulty.
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 Specific hazards arising from the hazardous product, such as the nature of any hazardous combustion products Special protective equipment and

"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.

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.....

precautions for fire-fighters

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

Precautions for safe handling	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.
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 strong oxidizers. Store away from sunlight.

SECTION 08: EXPOSURE CONTROLS / PERSONAL PROTECTION

INGREDIENTS	AC TWA	GIH TLV STEL	OSHA PEL	A PEL STEL	NIOSH REL
	1 mg/m³, 0.2 ppm (TLV)	Not established	Not established	Not established	Not established
Personal Protective Equi Respiratory/type Gloves/ type Clothing/type Footwear/type Appropriate engineering Other/type	controls	Local exhaust ventilation i when contaminant levels of Liquid chemical goggles. Chemical resistant gloves Wear adequate protective Safety boots per local reg Local exhaust at points of Emergency showers and of efficient exhaust ventilatio tobacco. Wash hands befor Change contaminated or s	exceed the recommen . Do not use:. Cotton of clothes. ulations. emission. eye wash stations sho n in the working area. ore breaks and at end	ded exposure limits. or natural fibre gloves. F uld be available. During Keep away from foodst	PVC. processing, ensure uffs, drinks and

PRODUCT: 16400 INSTA WELD KIT: 16402 PART A

SECTION 09: PHYSICAL AND CHEMICAL PROPERTIES

SECTION 10: STABILITY AND REACTIVITY

Chemical stability Reactivity	Stable at normal temperatures and pressures. Reacts with alcohols, amines, aqueous acids and alkalis. Reacts slowly with water, forming carbon dioxide.
Conditions to avoid, including static discharge, shock or vibration Hazardous decomposition products Possibility of hazardous reactions	Keep away from heat. Incompatible with strong oxidizers. Amines. Alcohols. Alkali and reducing materials. Water. By fire:. Oxides of carbon (CO,CO2). Nitrogen compounds. Dense black smoke.

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 Effects of chronic exposure	Eye contact. Skin contact Prolonged or repeated ex individuals.	t. Inhalation. kposure may result in an allergic re	spiratory reaction in sensitive
Skin contact		ation, defatting and dermatitis. Imm	nediate bonding of skin and
Eye contact	eyes. Causes eye irritation. Col closed.	ntact with vapours can cause exces	ssive tearing. Eyelids may bond
Inhalation (acute)	Excessive inhalation of v	apours can cause respiratory irritat	ion, dizziness, headache,
Inhalation (chronic)		sness. Asthmatic symptoms. exposure to vapors may produce a sensitive individuals.	llergic reactions with
Ingestion Carcinogenicity of material	Will polymerize rapidly ac No component of this pro	dhesring to the mouth. oduct present at levels greater than confirmed human carcinogen by IA	or equal to 0.1% is identified
Reproductive effects		commen fumal carcinogen by IP	

SECTION 12: ECOLOGICAL INFORMATION

Environmental..... Persistence and degradability.....

Do not allow to enter waters, waste water or soil. 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. Avoid release into the environment.





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SECTION 14: TRANSPORT INFORMATION

Marine Pollutant	DOT Classification (Road) IATA Classification (Air) IMDG Classification (Marine) Marine Pollutant Proof of Classification	Not regulated. Not regulated. Not regulated. No. In accordance with Part 2.2.1 of the Transportation of Dangerous Goods Regulations (July
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SECTION 15: REGULATORY INFORMATION

CEPA status TSCA inventory status OSHA SARA Title III	Not determined. All components are listed. This product is considered hazardous under the OSHA Hazard Communication Standard.
Section 302 - extremely hazardous substances	Chloroacetic acid.
Section 311/312 - hazard categories Section 313 EPA hazardous air pollutants (HAPS) 40CFR63	Chloroacetic acid.
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: Telephone number: Disclaimer: Review Date: Date of the latest revision of the safety	REGULATORY AFFAIRS. Trivalent Data Systems Ltd. www.trivalent.com. (800) 387-7981. 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 with any other material or in any other process. 2022-11-30.
Date of the latest revision of the safety data sheet	2017-11-27



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SAFETY DATA SHEET

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

PRODUCT: 16400 INSTA WELD KIT: 16406 PART B

FORM

SECTION 01: IDENTIFICATION

Initial supplier identifier	
	604 McGeachie Drive
	Milton, Ontario L9T3Y5
	Tel (905) 878-4990 Fax (905) 878-1189
Product identifier	16400 INSTA WELD KIT: 16406 PART B
Recommended use and restrictions on	Cleaning solution.
use	
Chemical family	Mixture.
Chemical family NFPA rating	Health: 2 Fire: 3 Reactivity: 0.
HMIS	
24 hour emergency number:	For transportation emergencies (in Canada) call CANUTEC 1-888-226-8832 (CAN-UTEC);
	IN THE UNITED STATES CALL CHEMTRÉC 1-800-424-9300.
	** For medical emergencies contact your local poison control centre **.

SECTION 02: HAZARD IDENTIFICATION



Signal Word Hazard Classification	Flammable Liquid 2. Aspiration Toxicity 1. Skin Irritation — Category 2. Specific Target Organ Toxicity — Single Exposure — Category 3. (respiratory system). Specific Target
Hazard Description	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 cause damage to organs through prolonged or repeated exposure.
Prevention	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. 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 . 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. P304 + P340 - If inhaled remove person to fresh air and keep comfortable for breathing. P312 Call a POISON CENTER/doctor if you feel unwell.
Storage	P235 Keep cool. P403 + P233 Store in a well ventilated area. Keep container tightly closed. P405 Store locked up.
Disposal Note	

SECTION 03: COMPOSITION / INFORMATION ON INGREDIENTS			
CHEMICAL NAME AND SYNONYMS	CAS #	WT. %	
Naphtha (petroleum), hydrotreated light	64742-49-0	95-100	
N,N-Dimethyl-p-toluidine	99-97-8	1-5	
*Note: Solvent naphtha (pertroleum) contains n-Heptane: CAS#			

TECIS

142-82-5

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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. If irritation persists, 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	
Inhalation	irritation persists, seek medical attention. If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is	
Ingestion	difficult, give oxygen, obtain medical attention. 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	Harmful if swallowed, in contact with skin or if inhaled. Causes skin irritation. Vapors have a narcotic effect and may cause headache, fatigue, dizziness and nausea. May cause	
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 Specific hazards arising from the hazardous product, such as the nature of any hazardous combustion products	"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). Hydrocarbon fumes and smoke.
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. 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

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. 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.
Conditions for safe storage, including any incompatibilities	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	ACG TWA	IH TLV STEL	OSHA PEL	A PEL STEL	NIOSH REL
Naphtha (petroleum), hydrotreated light	1640 mg/m3 (heptane)	Not established	Not established	Not established	Not established
N,N-Dimethyl-p-toluidine	1100 ppm (IDLH) No data	No data	No data	No data	No data
	No data	NO GAIA	NO Gala	NO Gala	no dala
Personal Protective Equ Respiratory/type		ocal exhaust ventilation	is recommended. Wea	r an appropriate, prope	rly fitted respirator

when contaminant levels exceed the recommended exposure limits.

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SECTION 08: EXPOSURE CONTROLS / PERSONAL PROTECTION

Liquid chemical goggles. Chemical safety goggles and full faceshield if a splash hazard exists.
Chemical resistant gloves. Wear adequate protective clothes.
Safety boots per local regulations.
Emergency showers and eye wash stations should be available. Employees should wash
their hands and face before eating, drinking, or using tobacco products. 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. Explosion-proof exhaust ventilation.

SECTION 09: PHYSICAL AND CHEMICAL PROPERTIES

Appearance/Physical state Colour Odour threshold (ppm) Vapour pressure (mm Hg) Vapour density (air=1) pH Relative Density (Specific Gravity) Melting / Freezing point (deg C) Solubility Initial boiling point / boiling range (deg C). Evaporation rate Flash point (deg C), method Auto ignition temperature (deg C) Upper flammable limit (% vol) Lower flammable limit (% vol) Partition coefficient — n-octanol/water % Volatile by volume VOC (less water) Viscosity	Liquid. Clear, colourless. Mild. Petroleum. No data. 5.904 kPa @ 20C. (main ingredient). >1. Not applicable. 5.82 lbs/USG; 0.698. No data. Negligible. 94-98°C (201-208°F). 4.2. -8. (estimate; lowest flash point ingredient). 282°C (540°F). 6.7. 1.1. No data. 98.98. 5.73 lbs/USG. 0.58 cST @25 C. (main ingredient).
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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.
Possibility of hazardous reactions	Hazardous polymerization will not occur.
Conditions to avoid, including static	Keep away from heat. Incompatible with strong oxidizers.
discharge, shock or vibration	
	By fire:. Oxides of carbon (CO,CO2). Dense black smoke.

SECTION 11: TOXICOLOGICAL INFORMATION

INGREDIENTS	LC50	LD50
Naphtha (petroleum), hydrotreated light	73680 ppm 4 hours rat	>5000 mg/kg (oral, rat) >3160 mg/mg (dermal, rabbit)
N,N-Dimethyl-p-toluidine	1400 mg/m3 rat 4 hours	No data
Route of exposure Effects of chronic exposure Skin contact Skin absorption Eye contact Inhalation (acute) Inhalation (chronic)	contact. Skin contact. Inhalation. thing high concentrations of vapour may cause ar cts. Prolonged or repeated skin contact may cause cause moderate irritation, defatting and dermatitis be harmful if absorbed through the skin. cause redness, irritation, tissue destruction. essive inhalation of vapours can cause respiratory ting and unconsciousness. onic exposure to organic solvent vapors have beer ts including permanent brain and/or nervous syste age and reproductive effects among women. Sym ting, abdominal pain, headache, impaired memor thing difficulties.	e drying or cracking of skin. s. r irritation, dizziness, headache, n associated with various neurotoxic em damage, kidney, liver, blood nptoms may include nausea,

ECIS

PRODUCT: 16400 INSTA WELD KIT: 16406 PART B

SECTION 11: TOXICOLOGICAL INFORMATION

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.
Reproductive effects Specific Target Organ Toxicity	
opecine rarget organ rokiety	exposure.

SECTION 12: ECOLOGICAL INFORMATION

Environmental..... Persistence and degradability.....

.... Do not allow to enter waters, waste water or soil. Not 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.

SECTION 14: TRANSPORT INFORMATION

TDG Classification	UN1993 - FLAMMABLE LIQUID, N.O.S. (Naphtha, (petroleum), hydrotreated light) - Class 3 - Packing Group II. Limited Quantity Index: 1 L.
DOT Classification (Road)	
IATA Classification (Air)	UN1993 - FLAMMĂBLĖ LIQUID, N.O.S. (Naphtha, (petroleum), hydrotreated light) - Class 3 - Packing Group II. Limited Quantity. Do not ship by air without checking appropriate
IMDG Classification (Marine)	3 - Packing Group II. EmS: F-E,S-E. Limited Quantity. Check IMDG regulations for
Marine Pollutant Proof of Classification	limited quantity exemptions. 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.

SECTION 15: REGULATORY INFORMATION

CEPA status TSCA inventory status OSHA SARA Title III	On Domestic Substances List (DSL). All components are listed. This product is considered hazardous under the OSHA Hazard Communication Standard.
Section 302 - extremely hazardous	None.
substances	
Section 311/312 - hazard categories Section 313	Immediate health, delayed health, fire hazard. 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

