PRODUCT NAME:	**Paint Remover ABRO**	
PRODUCT NUMBER/SIZE:	**PR-600**	**Rev Date: 2/11/2020**

SECTION 1
Identification of the Substance and of the Company/Undertaking

MANUFACTURER'S NAME:	**ABRO INDUSTRIES, INC.**
ADDRESS:	**3580 Blackthorn Court South Bend, IN 46628 USA**
PRODUCT DESCRIPTION:	**Paint Remover**
COMPANY PHONE:	**574-232-8289**
EMERGENCY 24-HR TELEPHONE:	**Chemtrec: US/Canada 1-800-424-9300 International +1-703-527-3887**

SECTION 2
Hazards Identification

Classification:

OSHA HCS (29 CFR 1910.1200)	Flam. Aerosol 1; Liquefied gas; Carc. 2; Skin Irrit. 2; Eye Irrit. 2; STOT SE 1;

Label Pictogram(s):

Signal Word(s):	**DANGER**
Hazard Phrases:	Extremely flammable aerosol. Contains gas under pressure; may explode if heated. Suspected of causing cancer. Causes skin irritation. Causes serious eye irritation. Causes damage to organs: Optic nerve, Central Nervous System May cause drowsiness or dizziness.
Precautionary Phrases:	Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Do not spray on an open flame or other ignition source. Do not pierce or burn, even after use.

Protect from sunlight. Do no expose to temperatures exceeding 50°C/ 122°F.
Wear protective gloves/protective clothing/eye protection/face protection.
Avoid breathing spray.
Do not eat, drink or smoke when using this product.
Use only outdoors or in a well-ventilated area.
Wash hands and exposed skin after use.

Other Hazards: Harmful to aquatic life.

SECTION 3
Composition/Information on Ingredients

Ingredient	% wt.	CS No.	Hazard classification
Methylene Chloride^	70 - 75	75-09-2	Skin Irrit. 2; H315 Eye Irrit. 2; H319 STOT SE 3; H336 Carc. 2; H351 Aquatic Acute 3; H402
Polyethylene glycol octylphenyl ether	1 - 3	9036-19-5	Acute Tox. 4; H302 Eye Dam. 1; H318 Aquatic Chronic 3; H412
Methanol	1 - 3	67-65-1	Flam. Liq. 2; H225 Acute Tox. 3; H301, H311, H331 STOT SE 1; H370
Propane	5 - 10	74-98-6	Flam. Gas 1; H220 Liquefied gas; H280
Butane	5 - 10	106-97-8	Flam. Gas 1; H220 Liquefied gas; H280

^Employers must implement an exposure monitoring program in accordance with 29 CFR 1910.1052.

Additional Information – Substances in the product which may present a health or environmental hazard, or which have been assigned occupational exposure limits, are detailed below.:
- Ethylbenzene (CAS No. 100-41-4)

SECTION 4
First Aid Measures

4.1 DESCRIPTION OF THE FIRST AID MEASURE

Eye:
Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

Skin:
Wash affected skin with soap and water. If irritation (redness, rash, blistering) develops, get medical attention. Take off contaminated clothing and wash it before reuse.

Inhalation:
Remove persons affected by vapour to fresh air. If breathing is labored, administer oxygen. If symptoms develop, obtain medical attention.

Ingestion:
Do not induce vomiting. Do not give anything by mouth to an unconscious person. Get immediate medical attention.

4.2 MOST IMPORTANT SYMPTOMS AND EFFECTS, BOTH ACUTE AND DELAYED
Risk of aspiration. If exposed or concerned: Call a POISON CENTER/doctor.

4.3 INDICATION OF ANY IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENTS NEEDED
IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.

SECTION 5
Fire Fighting Measures

Extinguishing Media	
-Suitable Extinguishing Media	Extinguish with carbon dioxide, dry chemical, foam or water spray.
-Unsuitable Extinguishing Media	Do not use water jet.
Special hazards arising from the substance or mixture	None
Advice for fire-fighters	A self contained breathing apparatus and suitable protective clothing should be worn in fire conditions. Keep containers cool by spraying with water if exposed to fire.

SECTION 6
Accidental Release Measures

Personal precautions, protective equipment and emergency procedures	Keep away from heat/sparks/open flames/hot surfaces. – No smoking. Take precautionary measures against static discharges. Avoid contact with skin and eyes. Avoid breathing spray. Wear protective gloves/protective clothing/eye protection/face protection.
Environmental precautions	Prevent liquid entering sewers, basements and work pits. Avoid release to the environment.
Methods and material for containment and cleaning up	Cover spills with inert absorbent material. Transfer to a container for disposal or recovery.
Reference to other sections	None
Additional Information	None

SECTION 7
Handling and Storage

Precautions for safe handling	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Avoid contact with skin and eyes. Use product in a well-ventilated area only. Avoid breathing spray. Do not eat, drink or smoke when using this product. Do not handle until all safety precautions have been read and understood. Employers must implement an exposure monitoring program in accordance with 29 CFR 1910.1052

Conditions for safe storage, including any incompatibilities

-Storage temperature	Store in a well-ventilated place. Protect from sunlight. Do not expose to temperatures exceeding 50°C/ 122°F. Keep container tightly closed. Store locked up.
-Incompatible materials	This product should be stored away from sources of strong heat or oxidizing chemicals. Strong Acids, strong bases and reactive metals.
Specific end use(s)	Gasket Remover

SECTION 8
Exposure Controls/Personal Protection

Occupational Exposure Limits

SUBSTANCE.	CAS No.	(8hr TWA)		(STEL)		Note:
		PEL (OSHA)	TLV (ACGIH)	PEL (OSHA)	TLV (ACGIH)	
Methylene Chloride	75-09-2	25 ppm	50 ppm	125 ppm	-----	-----
Methanol	67-56-1	200 ppm	200 ppm	----	250 ppm	None
Propane	74-98-6	1000 ppm	Aspyx.#	-----	-----	#

*Assure minimum oxygen content of work atmosphere

Recommended monitoring method NIOSH 1005 (Methylene Chloride) or OHSA Method 8 (Methylene Chloride); NIOSH 2000 (Methanol); NIOSH 1501 (Hydrocarbons, Aromatic)

Exposure controls Employers must implement an exposure monitoring program in accordance with 29 CFR 1910.1052

Appropriate engineering controls Use only with adequate ventilation to keep exposures (airborne levels of dust, fume, vapour etc) below recommended exposure limits.

Personal protection equipment

Eye/face protection

Wear protective eyewear (goggles, face shield, or safety glasses).

Skin protection (Hand protection/ Other)

Wear suitable gloves if prolonged skin contact is likely. Check with protective equipment manufacturer's data.

Respiratory protection

Normally no personal respiratory protection is necessary. In case of insufficient ventilation, wear suitable respiratory equipment. Check with protective equipment manufacturer's data.

Thermal hazards Not normally required. Use gloves with insulation for thermal protection, when needed.

Environmental Exposure Controls Avoid release to the environment.

SECTION 9
Physical and Chemical Properties

Information on basic physical and chemical properties

Appearance	Aerosol spray
Color.	Clear
Odor	Mildly sweet. Chloroform-like
Odor Threshold (ppm)	Not available
pH (Value)	Not available
Melting Point (°C) / Freezing Point (°C)	Not available
Boiling point/boiling range (°C):	Not available
Flash Point (°C)	-104 °C (Propane)
Evaporation Rate	Not available
Flammability (solid, gas)	Flammable aerosol.
Explosive Limit Ranges	2.1% - 9.5% v/v (Propane)
Vapor pressure (Pascal)	ca. 95 x 10^4 (Propane)
Vapor Density (Air=1)	ca. 1.56 @ 0 ºC (Propane)
Density (g/ml)	Not available
Solubility (Water)	Not available
Solubility (Other)	Not available
Partition Coefficient (n-Octanol/water)	Not available
Auto Ignition Point (°C)	Not available
Decomposition Temperature (°C)	Not available
Kinematic Viscosity (cSt)	<20.5 @ 40 °C
Explosive properties	Not explosive.
Oxidizing properties	Not oxidizing.
Other information	None

SECTION 10
Stability and Reactivity

10.1 REACTIVITY
Stable under normal conditions.

10.2 CHEMICAL STABILITY
Stable.

10.3 POSSIBILITY OF HAZARDOUS REACTIONS
None anticipated.

10.4 CONDITIONS TO AVOID
Avoid contact with heat and ignition sources.

10.5 INCOMPATIBLE MATERIALS
This product should be stored away from sources of strong heat or oxidizing chemicals. Strong Acids, strong bases and reactive metals.

10.6 HAZARDOUS DECOMPOSITION PRODUCTS

Carbon monoxide, Carbon dioxide, Acrid smoke, Hydrogen chloride, Phosgene gas, Chlorine gas.

SECTION 11
Toxicological Information

Exposure routes: Inhalation**,** Skin Contact**,** Eye Contact

Information on toxicological effects

Methylene Chloride (CAS No. 75-09-2):

Acute toxicity (calculated / estimated)	Oral: LD50 >2000 mg/kg-bw Dermal: LD50 >2000 mg/kg-bw Inhalation: LC50 49000 mg/m3 (Vapor), 4-hr. rat - May cause drowsiness or dizziness.
Irritation/Corrosivity	Causes skin irritation. Repeated exposure may cause skin dryness or cracking.
Sensitization	It is not a skin sensitizer.
Repeated dose toxicity	Oral: NOEAL 6 mg/kg Inhalation: NOAEC 200 ppm (0.7 mg/L)
Carcinogenicity	Suspected of causing cancer.

NTP	IARC	ACGIH	OSHA	NIOSH
Reasonably anticipated	2B	A3	Yes.	Yes.

Mutagenicity	Not to be expected
Reproductive toxicity	Not to be expected

Methanol (CAS# 67-56-1):

Acute toxicity *	LD50 (oral, monkey): 7000 mg/kg-bw LD0 (oral, rat): ≥ 2528 mg/kg-bw LC50 (inhal., cat, 6-hours): 43.68 mg/L LC50 (inhal., monkey, 4-hours): 52 mg/L Ingestion may damage the optic nerve. May cause dizziness and drowsiness.
Irritation	May cause eye irritation.
Sensitisation	It is not a skin sensitiser.
Repeated dose toxicity	NOAEC (2-yr. inhal., mouse): ≥ 1.3 mg/L
Developmental Toxicity	Negative. Not a specific developmental toxin.
Toxicity for reproduction	Negative. Not a specific reproductive toxin.

Carcinogenicity

NTP	IARC	ACGIH	OSHA	NIOSH
No.	No.	No.	No.	No.

Other information	* ATE (oral) = 100 mg/kg * ATE (dermal) = 300 mg/kg * ATE (inhalation) = 3 mg/L

*ATE = Acute Toxicity Estimate for purposes of classification

SECTION 12
Ecological Information

Ecotoxicity

Methylene Chloride (CAS No. 75-09-2):

Short term	LC50 (96 hour): 193 mg/L (fish) EC50 (48 hour): 27 mg/L (crustacea)
Long Term	NOEC (28 days): 142 mg/L (fish) LOEC (21 days): 6.2 mg/L (crustacea)
Persistence and degradability	Readily biodegradable.
Bioaccumulative potential	The product has no potential for bioaccumulation.
Mobility in soil	Not available.
Results of PBT and vPvB assessment	Not classified as PBT or vPvB.
Other adverse effects	None known.

SECTION 13
Disposal Considerations

Waste treatment methods	Disposal should be in accordance with local, state or national legislation. Consult an accredited waste disposal contractor or the local authority for advice.

SECTION 14
Transport Information

	U.S. DOT	Sea transport (IMDG)	Air transport (ICAO/IATA)
UN number	1950	1950	1950
Proper Shipping Name	Aerosols, flammable	Aerosols, flammable	Aerosols, flammable
Transport hazard class(es)	2.1	2.1	2.1
Packing group	Not applicable	Not applicable	Not applicable
Environmental hazards	None assigned	None assigned	None assigned
Special precautions for user	None assigned	None assigned	None assigned

Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code: Not applicable

SECTION 15
Regulatory Information

Safety, health and environmental regulations/legislation specific for the substance or mixture:

TSCA (Toxic Substance Control Act) - Inventory Status**:** All components listed or polymer exempt.

Designated Hazardous Substances and Reportable Quantities (40 CFR 302.4):

Chemical Name	CAS No.	Typical %wt.	RQ (Pounds)
Methylene Chloride	75-09-2	70 - 75	1000
Methanol	67-56-1	1 - 3	5000

SARA 311/312 - Hazard Categories: See SECTION 2: HAZARDS IDENTIFICATION

SARA 313 - Toxic Chemicals (40 CFR 372):

Chemical Name	CAS No.	Typical %wt.
Methylene Chloride	75-09-2	70 - 75
Methanol	67-56-1	1 - 3

SARA 302 - Extremely Hazardous Substances (40 CFR 355):

Chemical Name	CAS No.	Typical %wt.	TPQ (pounds)
None	----	----	----

California Proposition 65 List:

Chemical Name	CAS No.	Type of Toxicity
Methylene Chloride	75-09-2	Cancer
Methanol	67-56-1	Developmental

SECTION 16
Other Information

The supplier disclaims all expressed or implied warranties of merchantability or fitness for a specific use, with respect to the product or the information provided herein, except for conformation to contracted specifications. All information appearing herein is based upon data obtained from manufacturers and/or recognized technical sources. While the information is believed to be accurate, we make no representations as to its accuracy or sufficiency. Conditions of use are beyond our control, and therefore users are responsible for verifying the data under their own operating conditions to determine whether the product is suitable for their particular purposes and they assume all risks of their use, handling, and disposal of the product. Users also assume all risks in regards to the publication or use of, or reliance upon, information contained herein.

This information relates only to the product designated herein, and does not relate to its use in combination with any other material or process.

ABBREVIATIONS:

NG="NOT GIVEN" BT="BETWEEN"
<="LESS THAN" >="GREATER THAN"
ND = Not Determined NA = Not Applicable