

**PRODUCT NAME:** ABRO Crackle Premium Lacquer Gold  
**PRODUCT NUMBER/SIZE:** DP-BC-100 GO

**Revision Date:** 1/27/15

## 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:** Spray Paint  
**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:

Flammable Liquid - Category 2  
Eye Irritation – Category 2A  
Skin Irritation – Category 2  
Specific Target Organ Toxicity (Single and Repeat Exposure) - Category 3 CNS  
Acute and Chronic Aquatic Toxicity – Category 4

### Label Pictogram(s):



**Signal Word:** DANGER

**Hazard Phrases:** Highly flammable liquid and vapor. Causes skin irritation and serious eye irritation. May cause drowsiness or dizziness. May cause long lasting harmful effects to aquatic life.

**Precautionary Phrases:** Keep away from heat/sparks/open flames/hot surfaces. No smoking. Keep container tightly closed. Ground container and receiving equipment. Use explosion-proof electrical/ventilating/lighting equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Wear protective gloves/protective clothing/eye protection/face protection. Wash thoroughly after handling. Use only outdoors or in a well-ventilated area. Avoid breathing fumes. Avoid release to the environment.

**Response:** In case of fire, use approved materials to extinguish. IF ON SKIN: Wash with

plenty of soap and water. See specific treatment on this label. If skin irritation occurs, get medical attention. Take off contaminated clothing and wash before reuse. IF IN EYES: 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. Call a POISON CENTER or doctor/physician if exposed or you feel unwell. IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

**Storage /  
Disposal:**

Store locked up in a well-ventilated place. Keep container tightly closed and cool. Dispose of contents in compliance with local, state and national regulations.

**Other:**

Keep out of reach of children. Read label before use.  
If medical advice is needed, have product container or label at hand.

**SECTION 3**  
**Composition/Information on Ingredients**

<b>Ingredient Name CAS-No.</b>	<b>Approx. Weight %</b>	<b>Chemical Name</b>
DIMETHYL KETONE EXEMPT SOLVENT 67-64-1	35 - 40	Acetone
PROPANE 74-98-6	15 - 20	Propane
METHYL ETHYL KETONE 78-93-3	10 - 15	Methyl ethyl ketone
BUTANE 106-97-8	5 - 10	Butane
XYLENE 1330-20-7	5 - 10	Xylenes (o-, m-, p- isomers)
ETHYL 3- ETHOXYPROPIONATE 763-69-9	5 - 10	Ethyl 3-ethoxypropionate
ETHYLBENZENE 100-41-4	1 - 5	Ethyl benzene
FORMALDEHYDE 50-00-0	0 - .099	Formaldehyde

**SECTION 4**  
**First Aid Measures****Eye Contact:**

In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. If easy to do, remove contact lenses. If medical assistance is not immediately available, flush an additional 15 minutes. Get medical attention immediately.

**Skin Contact:**

Remove contaminated clothing and shoes. Wash off immediately with plenty of water for at least 15 minutes. Get medical attention, if symptoms develop or persist.

**Ingestion:**

Rinse mouth with water. Give one or two glasses of water. Only induce vomiting at the instruction of medical personnel. Never give anything by mouth to an unconscious person. Do NOT induce vomiting. If vomiting occurs, keep head lower than hips to prevent aspiration. Get medical attention immediately.

**Inhalation:**

Move injured person into fresh air and keep person calm under observation. Get medical attention immediately. For breathing difficulties, oxygen may be necessary. If breathing stops, provide artificial respiration. Do not give direct mouth-to-mouth resuscitation if inhaled. To protect rescuer, use air-viva, oxy-viva or one-way mask. Resuscitate in a well ventilated area. Place unconscious person on the side in the recovery position and ensure breathing.

**Medical conditions aggravated by exposure:**

Any respiratory or skin condition.

## SECTION 5 Fire Fighting Measures

Flash point (Fahrenheit): -31

Flash point (Celsius): -35

Lower explosive limit (%): 1

Upper explosive limit (%): 16

Autoignition temperature: not determined

Sensitivity to impact: no

Sensitivity to static discharge: Subject to static discharge hazards. Please see bonding and grounding information in Section 7.

Hazardous combustion products: See Section 10.

**Unusual fire and explosion hazards:**

Contaminated rags, wipes, saw dust, etc., may catch fire spontaneously. Store waste under water in closed metal containers or in approved self-closing containers designed to prevent spontaneous combustion until disposed of in compliance with applicable regulations. Oxidizing Material

**Extinguishing media:**

Carbon dioxide, dry chemical, foam and/or water fog.

**Fire-fighting procedures:**

Firefighters should be equipped with self-contained breathing apparatus and turn out gear. Keep containers and surroundings cool with water spray.

## SECTION 6 Accidental Release Measures

**Action to be taken if material is released or spilled:**

Ventilate the area. Avoid breathing dust or vapor. Use self-containing breathing apparatus or airmask for large spills in a confined area. Wipe, scrape or soak up in an inert material and put in a container for disposal. See section 7, "Handling and Storage", for proper container and storage procedures. Remove all sources of ignition. Soak up with inert absorbent material. Use only non-sparking tools. Avoid contact with eyes.

## SECTION 7 Handling and Storage

**Precautions to be taken in handling and storage:**

Keep away from heat, sparks and open flame. - No smoking. Keep container closed when not in use. Do not store above 120 degrees F. (49 degrees C). Based on flash point and vapor pressure, suitable storage should be provided in accordance with OSHA regulation 1910.106, Ontario OH&S regulation 851 section 22. Empty containers may contain product residue, including flammable or explosive vapors. Do not cut, puncture or weld on or near container. All label warnings must be observed until the container has been commercially cleaned or reconditioned. If the product is used near or above the flashpoint, an

ignition hazard may be present. Activities, uses, or operations which liberate vapor (such as mixing or free fall of liquids) may also present an ignition hazard. Please ensure containers and other interconnected equipment are properly bonded and grounded at all times.

## SECTION 8

### Exposure Controls/Personal Protection

#### Personal Protective Equipment

##### Eye and face protection:

Wear safety glasses or goggles to protect against exposure.

##### Skin protection:

Appropriate chemical resistant gloves should be worn.

##### Other Personal Protection Data:

To prevent skin contact wear protective clothing covering all exposed areas.

##### Respiratory protection:

If exposure cannot be controlled below applicable limits, use the appropriate NIOSH approved respirator such as an air purifying respirator with organic vapor cartridge and dust/mist filter. Consult the respirator manufacturer's literature to ensure that the respirator will provide adequate protection. Read and follow all respirator manufacturer's instructions.

##### Ventilation

Use only in well-ventilated areas. Ensure adequate ventilation, especially in confined areas. Ovens used for curing should contain a fresh air purge to prevent vapours from accumulating and creating a possible explosive mixture. Where the product is used in a hazardous classified area, use explosion-proof electrical/ventilating/lighting/equipment.

#### Exposure Guidelines

##### OSHA Permissible Exposure Limits (PEL's)

Ingredient Name CAS-No.	Approx. Weight %	TWA (final)	Ceilings limits (final)	Skin designations
DIMETHYL KETONE EXEMPT SOLVENT 67-64-1	35 - 40	1000 ppm TWA 2400 mg/m3 TWA		
PROPANE 74-98-6	15 - 20	1000 ppm TWA 1800 mg/m3 TWA		
METHYL ETHYL KETONE 78-93-3	10 - 15	200 ppm TWA 590 mg/m3 TWA		
XYLENE 1330-20-7	5 - 10	100 ppm TWA 435 mg/m3 TWA		
ETHYLBENZENE 100-41-4	1 - 5	100 ppm TWA 435 mg/m3 TWA		
FORMALDEHYDE 50-00-0	0 - .099	0.75 ppm TWA		

##### ACGIH Threshold Limit Value (TLV's)

Ingredient Name CAS-No.	Approx. Weight %	TWA	STEL	Ceiling limits	Skin designations
DIMETHYL KETONE EXEMPT SOLVENT 67-64-1	35 - 40	500 ppm TWA	750 ppm STEL		
PROPANE 74-98-6	15 - 20	1000 ppm TWA			
METHYL ETHYL KETONE	10 - 15	200 ppm TWA	300 ppm		

78-93-3			STEL		
BUTANE 106-97-8	5 - 10	1000 ppm TWA			
XYLENE 1330-20-7	5 - 10	100 ppm TWA	150 ppm STEL		
ETHYLBENZENE 100-41-4	1 - 5	100 ppm TWA	125 ppm STEL		
FORMALDEHYDE 50-00-0	0 - .099			0.3 ppm Ceiling	

## SECTION 9 Physical and Chemical Properties

Odor:	Normal for this product type.
Physical State:	Aerosol
pH:	Not determined
Vapor pressure:	NOT DETERMINED mmHg @ 68°F (20°C)
Vapor density (air = 1.0):	5.0
Boiling point:	Not determined
Solubility in water:	Not determined
Coefficient of water/oil distribution:	Not determined
Density (lbs per US gallon):	6.31
Evaporation rate (butyl acetate = 1.0):	5.7
Flash point (Fahrenheit):	-31
Flash point (Celsius):	-35
Lower explosive limit (%):	1
Upper explosive limit (%):	16
Autoignition temperature:	Not determined

## SECTION 10 Stability and Reactivity

Stability: Stable under normal conditions.  
Conditions to Avoid: Heat.  
Incompatibility: Strong oxidizing agents  
Hazardous Polymerization: None anticipated.  
Hazardous Decomposition Products: Carbon monoxide and carbon dioxide.

**Sensitivity to static discharge:** Subject to static discharge hazards. Please see bonding and grounding information in Section 7.

## SECTION 11 Toxicological Information

Ingredient Name CAS-No.	Approx. Weight %	NIOSH - Selected LD50s and LC50s
DIMETHYL KETONE EXEMPT SOLVENT 67-64-1	35 - 40	= 5800 mg/kg Oral LD50 Rat
PROPANE 74-98-6	15 - 20	= 658 mg/L Inhalation LC50 Rat 4 h
METHYL ETHYL KETONE 78-93-3	10 - 15	= 2737 mg/kg Oral LD50 Rat = 32 g/m3 Inhalation LC50 Mouse 4 h = 6480 mg/kg Dermal LD50 Rabbit
BUTANE 106-97-8	5 - 10	= 658 mg/L Inhalation LC50 Rat 4 h

XYLENE 1330-20-7	5 - 10	= 4300 mg/kg Oral LD50 Rat = 47635 mg/L Inhalation LC50 Rat 4 h = 5000 ppm Inhalation LC50 Rat 4 h > 1700 mg/kg Dermal LD50 Rabbit
ETHYL 3-ETHOXYPROPIONATE 763-69-9	5 - 10	= 10 mL/kg Dermal LD50 Rabbit = 3200 mg/kg Oral LD50 Rat
ETHYLBENZENE 100-41-4	1 - 5	= 15354 mg/kg Dermal LD50 Rabbit = 17.2 mg/L Inhalation LC50 Rat 4 h = 3500 mg/kg Oral LD50 Rat
FORMALDEHYDE 50-00-0	0 - .099	= 0.578 mg/L Inhalation LC50 Rat 4 h = 500 mg/kg Oral LD50 Rat

#### **Mutagens/Teratogens/Carcinogens:**

Possible mutagen

Cancer hazard. Contains material which can cause cancer.

Contains ethylbenzene, which has been determined by NTP to be an animal carcinogen with no known relevance to humans. IARC has classified ethylbenzene as possibly carcinogenic to humans (2b) on the basis of sufficient evidence of carcinogenicity in laboratory animals but inadequate evidence of cancer in humans.

<b>Ingredient Name CAS-No.</b>	<b>Approx. Weight %</b>	<b>California Prop 65 – Reproductive (Female)</b>	<b>California Prop 65 - Carcinogen</b>
ETHYLBENZENE 100-41-4	1 - 5		Listed. initial date 6/11/04 - carcinogen
FORMALDEHYDE 50-00-0	0 - .099		Listed. initial date 1/1/88 - carcinogen

<b>Ingredient Name CAS-No.</b>	<b>Approx. Weight %</b>	<b>IARC Group 1 – Human Evidence</b>	<b>IARC Group 2A – Limited Human Data</b>	<b>IARC Group 2B - Sufficient Animal Data</b>
ETHYLBENZENE 100-41-4	1 - 5			Monograph 77 [2000]
FORMALDEHYDE 50-00-0	0 - .099	Supplement 7 [1987] Monograph 62 [1995] Supplement 7 [1987]		Monograph 65 [1996]

<b>Ingredient Name CAS-No.</b>	<b>Approx. Weight %</b>	<b>NTP Known Carcinogens</b>	<b>NTP Suspect Carcinogens</b>	<b>NTP Evidence of Carcinogenicity</b>
XYLENE 1330-20-7	5 - 10			male rat-no evidence; female rat-no evidence; male mice-no evidence; female mice-no evidence
ETHYLBENZENE 100-41-4	1 - 5			male rat-clear evidence; female rat-some evidence; male mice some evidence; female mice-some evidence
FORMALDEHYDE 50-00-0	0 - .099		Reasonably Anticipated To Be A Human Carcinogen	

<b>Ingredient Name CAS-No.</b>	<b>Approx. Weight %</b>	<b>OSHA - Hazard Communication Carcinogens</b>	<b>OSHA - Specifically Regulated Carcinogens</b>	<b>ACGIH Carcinogens</b>
ETHYLBENZENE 100-41-4	1 - 5	Present		A3 Confirmed Animal Carcinogen with Unknown Relevance to

FORMALDEHYDE 50-00-0	0 - .099	Present	Irritant and potential cancer hazard - see 29 CFR 1910.1048	Humans A2 Suspected Human Carcinogen
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## SECTION 12 Ecological Information

No information on ecology is available.

## SECTION 13 Disposal Considerations

Disposal should be made in accordance with federal, state and local regulations.

## SECTION 14 Transport Information

Multi-modal shipping descriptions are provided for informational purposes and do not consider container sizes. The presence of a shipping description for a particular mode of transport (ocean, air, etc.), does not indicate that the product is packaged suitably for that mode of transport. All packaging must be reviewed for suitability prior to shipment, and compliance with the applicable regulations is the sole responsibility of the person offering the product for transport.

**U.S. DOT** Proper shipping name: UN1950, Aerosols, 2.1, Limited Quantity / Consumer Commodity  
UN/ID Number: ID8000  
Hazard class: Consumer Commodity - ORM-D  
ERG#126

**IMO/IMDG** Proper shipping name: Aerosol, Limited Quantity  
UN Number: UN1950  
Hazard Class: 2.1  
EmS F-D, S-U

**ICAO/IATA** Proper shipping name: Aerosol, Flammable, Limited Quantity  
UN Number: UN1950  
Hazard class: 2.1

**Canada (TDG)** Proper shipping name: UN1950, Aerosols, 2.1, Limited Quantity  
May be classed as Limited Quantity or ORM-D  
UN/ID Number: UN1950  
Hazard class: 2.1  
ERG#126

## SECTION 15 Regulatory Information

### U.S. FEDERAL REGULATIONS:

Ingredient Name CAS-No.	Approx. Weight %	SARA 302	SARA 313	CERCLA RQ in lbs.
DIMETHYL KETONE EXEMPT SOLVENT 67-64-1	35 - 40			5000
METHYL ETHYL KETONE 78-93-3	10 - 15			5000

XYLENE 1330-20-7	5 - 10		form R reporting required for 1.0% de minimis concentration	100
ETHYLBENZENE 100-41-4	1 - 5		form R reporting required for 1.0% de minimis concentration	1000
FORMALDEHYDE 50-00-0	0 - .099	EPCRA RQ = 100 lb	form R reporting required for 0.1% de minimis concentration	100

**SARA 311/312 Hazard Class:**

Acute: yes  
Chronic: yes  
Flammability: yes  
Reactivity: no  
Sudden Pressure: yes

**U.S. STATE REGULATIONS:**

**Right to Know:**

The specific chemical identity of a component may be withheld as a trade secret under 34 Pennsylvania Code, Chapter 317.

**Pennsylvania Right To Know:**

ETHYLBENZENE 100-41-4  
BUTANE 106-97-8  
XYLENE 1330-20-7  
FORMALDEHYDE 50-00-0  
DIMETHYL KETONE- EXEMPT SOLVENT 67-64-1  
PROPANE 74-98-6  
ETHYL 3-ETHOXYPROPIONATE 763-69-9  
METHYL ETHYL KETONE 78-93-3

**Additional Non-Hazardous Materials**

PROPRIETARY RESIN Trade Secret  
PROPRIETARY RESIN Trade Secret

**California Proposition 65:**

WARNING! This product contains a chemical known in the State of California to cause cancer.

**Rule 66 status of product** Photochemically reactive.

**INTERNATIONAL REGULATIONS - Chemical Inventories**

**US TSCA Inventory:**

All components of this product are in compliance with U.S. TSCA Chemical Substance Inventory Requirements.

**Canada Domestic Substances List:**

All components of this product are listed on the Domestic Substances List.



## SECTION 16

### Other Information

#### HMIS Codes

**Health:** 2\*

**Flammability:** 4

**Reactivity:** 1

**PPE:** X - See Section 8 for Personal Protective Equipment (PPE).

#### Abbreviations:

OSHA - Occupational Safety and Health Administration, IARC - International Agency for Research on Cancer, NIOSH - National Institute of Occupational Safety and Health, NTP - National Toxicology Program, ACGIH – American Conference of Governmental Industrial Hygienists, SCAQMD - South Coast Air Quality Management District, TSCA - Toxic Substances Control Act, IATA - International Air Transport Association, IMO - International Maritime Organization, DOT - Department of Transportation, NA - Not applicable, NOT ESTAB - Not established, N.A.V. - Not available, RQ - Reportable quantity, WT - Weight, MG/CU M - Milligrams per cubic meter, G/L - Grams per liter, MM - Millimeters, MPPCF - Millions of particles per cubic foot, PPM - parts per million, PPT - parts per thousand, TCC/PM - Tag closed cup / Pensky-Martens, PB - Lead, PEL - Permissible exposure level, TWA - Time Weighted Average, STEL - Short term exposure limit, C - Celsius, F - Fahrenheit.

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#### ABBREVIATIONS:

NG="NOT GIVEN"

BT="BETWEEN"

<="LESS THAN"

>="GREATER THAN"

ND = Not Determined

NA = Not Applicable