PRODUCT NAME: **ABRO Crackle Premium Lacquer Almond**
PRODUCT NUMBER/SIZE: **DP-TC-200 AL** **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

Ingredient Name CAS-No.	Approx. Weight %	Chemical Name
DIMETHYL KETONE EXEMPT SOLVENT 67-64-1	35 - 40	Acetone
PROPANE 74-98-6	10 - 15	Propane
METHYL ISOBUTYL KETONE 108-10-1	10 - 15	Methylisobutyl ketone
METHYL ETHYL KETONE 78-93-3	10 - 15	Methyl ethyl ketone
BUTANE 106-97-8	5 - 10	Butane
TITANIUM DIOXIDE 13463-67-7	1 - 5	Titanium dioxide
ZINC STEARATE 557-05-1	1 - 5	Octadecanoic acid, zinc salt
PROPRIETARY INERT	1 - 5	PROPRIETARY INERT
STODDARD SOLVENT 8052-41-3	1 - 5	Stoddard solvent
PROPRIETARY RESIN	1 - 5	PROPRIETARY RESIN

If this section is blank there are no hazardous components per OSHA guidelines.

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. Do NOT induce vomiting. Never give anything by mouth to an unconscious person. 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:
None known.

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:
Chemical goggles, also wear a face shield if splashing hazard exists.

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	10 - 15	1000 ppm TWA 1800 mg/m3 TWA		
METHYL ISOBUTYL KETONE 108-10-1	10 - 15	100 ppm TWA 410 mg/m3 TWA		
METHYL ETHYL KETONE 78-93-3	10 - 15	200 ppm TWA 590 mg/m3 TWA		
TITANIUM DIOXIDE 13463-67-7	1 - 5	15 mg/m3 TWA dust total		
ZINC STEARATE 557-05-1	1 - 5	15 mg/m3 TWA dust total 5 mg/m3 TWA respirable fraction		
PROPRIETARY INERT	1 - 5	15 mg/m3 TWA dust total 5 mg/m3 TWA respirable fraction		
STODDARD SOLVENT 8052-41-3	1 - 5	2900 mg/m3 TWA 500 ppm TWA		

ACGIH Threshold Limit Value (TLV's)

Ingredient Name CAS-No.	Approx. Weight %	TWA	STEL	Ceiling limits	Skin designations
DIMETHYL KETONEEXEMPT SOLVENT 67-64-1	35 - 40	500 ppm TWA	750 ppm STEL		
PROPANE 74-98-6	10 - 15	1000 ppm TWA			
METHYL ISOBUTYL KETONE 108-10-1	10 - 15	50 ppm TWA	75 ppm STEL		
METHYL ETHYL KETONE 78-93-3	10 - 15	200 ppm TWA	300 ppm STEL		
BUTANE 106-97-8	5 - 10	1000 ppm TWA			
TITANIUM DIOXIDE 13463-67-7	1 - 5	10 mg/m3 TWA			
ZINC STEARATE 557-05-1	1 - 5	10 mg/m3 TWA except stearates of toxic metals			
PROPRIETARY INERT	1 - 5	10 mg/m3 Inhalable particles. 3 mg/m3 Respirable particles.			
STODDARD SOLVENT 8052-41-3	1 - 5	100 ppm TWA			

SECTION 9
Physical and Chemical Properties

Odor:	Normal for this product type.
Physical State:	Aerosol
pH:	Not determined
Vapor pressure:	NOT DETERMINED mmHg @ 68ºF (20ºC)
Vapor density (air = 1.0):	5
Boiling point:	Not determined
Solubility in water:	Not determined
Coefficient of water/oil distribution:	Not determined
Density (lbs per US gallon):	6.64
Specific Gravity:	.8
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. Metal oxide fumes.

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	10 - 15	= 658 mg/L Inhalation LC50 Rat 4 h
METHYL ISOBUTYL KETONE 108-10-1	10 - 15	= 2080 mg/kg Oral LD50 Rat = 8.2 mg/L Inhalation LC50 Rat 4 h > 16000 mg/kg Dermal LD50 Rabbit
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
TITANIUM DIOXIDE 13463-67-7	1 - 5	> 10000 mg/kg Oral LD50 Rat
ZINC STEARATE 557-05-1	1 - 5	> 2000 mg/kg Dermal LD50 Rabbit > 5000 mg/kg Oral LD50 Rat
PROPRIETARY RESIN	1 - 5	> 5 g/kg Oral LD50 Rat

Mutagens/Teratogens/Carcinogens:

Possible cancer hazard. Contains material which may cause cancer based on animal data.

Contains TIO2 which is listed by IARC as a possible human carcinogen (Group 2B) based on animal data. Neither long term animal studies, nor human epidemiology studies of workers exposed to TIO2 provide an adequate basis to conclude TIO2 is carcinogenic. TIO2 is not classified as a carcinogen by NTP, U.S. OSHA, or the U.S. EPA.

Ingredient Name CAS-No.	Approx. Weight %	IARC Group 1 – Human Evidence	IARC Group 2A – Limited Human Data	IARC Group 2B - Sufficient Animal Data
TITANIUM DIOXIDE 13463-67-7	1 - 5			Monograph 47 [1989]

Ingredient Name CAS-No.	Approx. Weight %	NTP Known Carcinogens	NTP Suspect Carcinogens	NTP Evidence of Carcinogenicity
METHYL ISOBUTYL KETONE 108-10-1	10 - 15			male rat-some evidence; female rat-equivocal evidence; male mice some evidence; female mice-some evidence
TITANIUM DIOXIDE 13463-67-7	1 - 5			male rat-negative; female rat-negative; male mice-negative; female mice-negative

Ingredient Name CAS-No.	Approx. Weight %	OSHA - Hazard Communication Carcinogens	OSHA - Specifically Regulated Carcinogens	ACGIH Carcinogens
TITANIUM DIOXIDE 13463-67-7	1 - 5	Present		

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 ISOBUTYL KETONE 108-10-1	10 - 15		form R reporting required for 1.0% de minimis concentration	5000
METHYL ETHYL KETONE 78-93-3	10 - 15			5000
ZINC STEARATE 557-05-1	1 - 5		YES	

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:
BUTANE 106-97-8
METHYL ISOBUTYL KETONE 108-10-1
PROPRIETARY INERT Trade Secret
TITANIUM DIOXIDE 13463-67-7
ZINC STEARATE 557-05-1
DIMETHYL KETONE- EXEMPT SOLVENT 67-64-1
PROPANE 74-98-6
METHYL ETHYL KETONE 78-93-3
STODDARD SOLVENT 8052-41-3
PROPRIETARY RESIN Trade Secret

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 Not 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.

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