

PRODUCT NAME: ABRO Spray Paint Special Quality
Narva
PRODUCT NUMBER/SIZE: SP-106-R

Revision Date: 10/26/2014

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

Flammable Aerosol 1
Skin Irritation Category 2
Eye Irritation Category 2A.
Carcinogenicity Category 2
Toxic to Reproduction Category 2
Specific Target Organ Toxicity – Single Exposure Category 3.
Specific Target Organ Toxicity – Repeated Exposure Category 2

Label Pictogram(s):



Signal Word: DANGER

Hazard Phrases: Extremely flammable aerosol. Pressurized container: May burst if heated. Causes skin and serious eye irritation. Suspected of causing cancer and damaging fertility or the unborn child. May cause drowsiness or dizziness and damage to organs through prolonged or repeated exposure.

Precautionary Phrases: If medical advice is needed, have product container or label at hand. Keep out of reach of children. Read label and obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Do not spray on and keep away from open flames and other ignition sources - No smoking. Do not pierce or burn, even after use. Wash hands thoroughly after handling. Use only outdoors or in a well-ventilated area. Wear personal protective equipment. Do not breathe fumes.

Response: IF ON SKIN: Wash with plenty of water. IF INHALED: Remove to fresh air and

keep in a position comfortable for breathing. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do so. Continue rinsing. IF exposed, concerned, you feel unwell or it eye or skin irritation occurs or persists: Get medical attention. Take off contaminated clothing and wash before reuse. Specific treatment (see on this label).

Storage / Disposal:

Store locked up, protected from sunlight and tightly closed in a well-ventilated place. Do not expose to temperatures exceeding 50 °C/122 °F. Dispose of container in accordance with local and national regulations.

Other:

Keep out of reach of children.

SECTION 3 Composition/Information on Ingredients

Chemical Description: This product is a mixture of the substances listed below with nonhazardous additions.

CAS#	Dangerous components:	Percentages
108-88-3	Toluene	24.32%
67-64-1	Acetone	23.3%
74-98-6	Propane	22.06%
106-97-8	n-butane	12.96%
64742-89-8	VM&P Naphtha	3.22%
13463-67-7	Titanium dioxide	2.46%
1330-20-7	Xylene (mix)	1.07%

SECTION 4 First Aid Measures

After inhalation:	Supply fresh air; consult doctor in case of complaints.
After skin contact:	Immediately wash with water and soap and rinse thoroughly. Remove contaminated clothing. Wash exposed area with soap and water.
After eye contact:	Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
After swallowing:	Rinse out mouth and then drink plenty of water. Rinse mouth with water. Do not induce vomiting.
Most important symptoms and effects:	Dizziness
Indication of any immediate medical attention needed:	No further relevant information available.

SECTION 5 Fire Fighting Measures

Extinguishing agents:	CO2, sand, extinguishing powder, or water spray. Fight larger fires with water spray or alcohol resistant foam. CO2, extinguishing powder or water spray. Fight larger fires with water spray.
Special hazards:	Can form explosive gas-air mixtures.
Protective equipment for firefighters:	A respiratory protective device may be necessary.

SECTION 6 Accidental Release Measures

Personal precautions, protective equipment and emergency procedures:	Wear protective equipment. Keep unprotected persons away. Use respiratory protective device against the effects of fumes/dust/aerosol.
Methods and material for containment and cleaning up:	Ensure adequate ventilation. Dispose contaminated material as waste according to section 13.

SECTION 7 Handling and Storage

Precautions for safe handling Storage requirements:	Use only in well ventilated areas. Keep away from sources of heat and direct sunlight. Do not warehouse in subfreezing conditions. Store locked up.
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SECTION 8 Exposure Controls/Personal Protection

Components with limit values that require monitoring at the workplace:

108-88-3 Toluene	
PEL (USA)	Long-term value: 200 ppm Ceiling limit value: 300; 500* ppm *10-min peak per 8-hr shift
REL (USA)	Short-term value: 560 mg/m ³ , 150 ppm Long-term value: 375 mg/m ³ , 100 ppm
TLV (USA)	Long-term value: 75 mg/m ³ , 20 ppm BEI
67-64-1 Acetone	
PEL (USA)	Long-term value: 2400 mg/m ³ , 1000 ppm
REL (USA)	Long-term value: 590 mg/m ³ , 250 ppm
TLV (USA)	Short-term value: (1782) NIC-1187 mg/m ³ , (750) NIC-500 ppm Long-term value: (1188) NIC-594 mg/m ³ , (500) NIC-250 ppm BEI

74-98-6 propane	
PEL (USA)	Long-term value: 1800 mg/m ³ , 1000 ppm
REL (USA)	Long-term value: 1800 mg/m ³ , 1000 ppm
TLV (USA)	refer to Appendix F
106-97-8 n-butane	
REL (USA)	Long-term value: 1900 mg/m ³ , 800 ppm
TLV (USA)	Short-term value: 2370 mg/m ³ , 1000 ppm
1330-20-7 xylene (mix)	
PEL (USA)	Long-term value: 435 mg/m ³ , 100 ppm
REL (USA)	Short-term value: 655 mg/m ³ , 150 ppm Long-term value: 435 mg/m ³ , 100 ppm
TLV (USA)	Short-term value: 651 mg/m ³ , 150 ppm Long-term value: 434 mg/m ³ , 100 ppm BEI

Ingredients with biological limit values:

108-88-3 Toluene	
BEI (USA)	0.02 mg/L Medium: blood Time: prior to last shift of workweek Parameter: Toluene 0.03 mg/L Medium: urine Time: end of shift Parameter: Toluene 0.3 mg/g creatinine Medium: urine Time: end of shift Parameter: o-Cresol with hydrolysis (background)
67-64-1 Acetone	
BEI (USA)	50 mg/L Medium: urine Time: end of shift Parameter: Acetone (nonspecific)
1330-20-7 xylene (mix)	
BEI (USA)	1.5 g/g creatinine Medium: urine Time: end of shift Parameter: Methylhippuric acids

Hygienic protection:	Keep away from foodstuffs and animal feed. Wash hands after use. Immediately remove all soiled and contaminated clothing. Wash hands after use. Avoid contact with the eyes and skin. Do not eat or drink while working.
Breathing equipment:	A respirator is generally not necessary when using this product outdoors or in large open areas. In cases where short and/or long term overexposure exists, a charcoal filter respirator should be worn. If you suspect overexposure conditions exist, please consult an authority on chemical hygiene.

Hand protection:	Protective gloves. The glove material must be impermeable and resistant to the substance.
Eye protection:	Tightly sealed goggles

SECTION 9 Physical and Chemical Properties

Appearance:	Aerosol
Odor:	Aromatic
Odor threshold:	Not determined
pH-value:	Not determined
Melting point/Melting range	Undetermined
Boiling point:	-44 °C (-47 °F)
Flash point:	-19 °C (-2 °F)
Flammability (solid, gas):	Extremely flammable
Decomposition temperature:	Not determined
Auto igniting:	Product is not self-igniting
Danger of explosion:	In use, may form flammable/explosive vapour-air mixture
Lower Explosion Limit:	1.5 Vol %
Upper Explosion Limit:	10.9 Vol %
Vapor pressure:	Not determined.
Relative Density:	Between 0.77 and 0.85 (Water equals 1.00)
Vapour density:	Not determined
Evaporation rate:	Not applicable
Partition coefficient: n-octonal/water:	Not determined
Solubility:	Not determined
Viscosity:	Not determined
VOC content:	580.3 g/l / 4.84 lb/gl
VOC content (less exempt solvents):	64.4 %
Solids content:	12.2 %

SECTION 10 Stability and Reactivity

Reactivity:	Stable at normal temperatures.
Conditions to avoid:	Do not allow can to exceed 120 degrees Fahrenheit. Do not warehouse in subfreezing temperatures.
Chemical stability:	Not fully evaluated.
Possibility of hazardous reactions:	No dangerous reactions known.
Incompatible materials:	No further relevant information available.
Hazardous decomposition:	No dangerous decomposition products known.

SECTION 11 Toxicological Information

LD/LC50 values that are relevant for classification:

106-97-8 n-butane		
Inhalative	LC50/4 h	658 mg/l (rat)
13463-67-7 titanium dioxide		
Oral	LD50	>20000 mg/kg (rat)

Dermal	LD50	>10000 mg/kg (rbt)
Inhalative	LC50/4 h	>6.82 mg/l (rat)
1330-20-7 xylene (mix)		
Oral	LD50	8700 mg/kg (rat)
Dermal	LD50	2000 mg/kg (rbt)
Inhalative	LC50/4 h	6350 mg/l (rat)

Information on toxicological effects:	No data available.
Sensitization:	No sensitizing effects known.

Carcinogenic categories:

IARC (International Agency for Research on Cancer)		
108-88-3	Toluene	3
13463-67-7	titanium dioxide	2B
1330-20-7	xylene (mix)	3

NTP (National Toxicology Program)	
None of the ingredients is listed.	

OSHA-Ca (Occupational Safety & Health Administration)	
None of the ingredients is listed.	

SECTION 12 Ecological Information

Aquatic toxicity:	Hazardous for water, do not empty into drains.
Persistence and degradability:	The product is degradable after prolonged exposure to natural weathering processes.
Bioaccumulative potential:	No further relevant information available.
Mobility in soil:	No further relevant information available.
Other adverse effects:	No further relevant information available.

SECTION 13 Disposal Considerations

Dispose of in accordance with local, state, and federal regulations. Do not puncture, incinerate, or compact. Partially empty cans must be disposed of responsibly. Do not heat or cut empty containers with electric or gas torches.

Recommendation: Completely empty cans should be recycled.

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	UN/ID Number:	UN1950
	Proper shipping name:	Aerosols
	Hazard class:	2.1

Packing Group: None
 Exceptions: May be shipped as a limited quantity or consumer commodity
 Environmental Hazards: No
 Transport in Bulk: Not Applicable.
 Special Precautions: ERG#126

IMO/IMDG UN/ID Number: UN1950
 Proper shipping name: Aerosols
 Hazard class: 2.1
 Packing Group: None
 Exceptions: May be shipped as a limited quantity
 Environmental Hazards: No
 Transport in Bulk: Not Applicable
 Special Precautions: EmS F-D, S-U

ICAO/IATA UN/ID Number: UN1950
 Proper shipping name: Aerosols, flammable
 Hazard Class: 2.1
 Packing Group: None
 Exceptions: May be shipped as a limited quantity or reclassified as ID8000
 Environmental Hazards: No
 Transport in Bulk: Not Applicable
 Special Precautions: None

Canada (TDG) UN/ID Number: UN1950
 Proper shipping name: Aerosols
 Hazard class: 2.1
 Packing Group: None
 Exceptions: May be shipped as a limited quantity
 Environmental Hazards: No
 Transport in Bulk: Not Applicable
 Special Precautions: ERG#126

SECTION 15 Regulatory Information

SARA Section 355 (extremely hazardous substances):

None of the ingredients in this product are listed.

SARA Section 313 (Specific toxic chemical listings):

108-88-3	Toluene
1330-20-7	xylene (mix)

CPSC: This product complies with 16 CFR 1303 and does not contain more than 90 ppm of lead.

California Proposition 65 chemicals known to cause cancer:

13463-67-7	titanium dioxide
100-41-4	ethyl benzene
1333-86-4	Carbon black

California Proposition 65 chemicals known to cause developmental toxicity: 108-88-3 Toluene

EPA:

108-88-3	Toluene	II
67-64-1	Acetone	I
1330-20-7	xylene (mix)	I

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