

Safety Data Sheet

Revised On 02/20/2018

1 Identification of the substance and manufacturer

Trade name: NU-BRITE
 Product code: 4102
 Product category: Paints and coatings.
 Manufacturer/Supplier: Atco International
 1401 Barclay Circle, SE
 Marietta, GA 30060
 phone: 770-424-7550
 www.atcointernational.com
 Emergency telephone number: CHEMTEL 1-800-255-3924, or 813-248-0585.

2 Hazard(s) identification

Classification of the substance or mixture

Flam. Aerosol 1 H222 Extremely flammable aerosol.

Press. Gas H280 Contains gas under pressure; may explode if heated.

Skin Irrit. 2 H315 Causes skin irritation.

Eye Irrit. 2B H320 Causes eye irritation.

Repr. 2 H361 Suspected of damaging fertility or the unborn child.

STOT SE 3 H335 May cause respiratory irritation.

STOT RE 2 H373 May cause damage to organs through prolonged or repeated exposure.

GHS Hazard pictograms



GHS02 GHS04 GHS07 GHS08

Signal word

Danger

Hazard statements

Extremely flammable aerosol.
 Contains gas under pressure; may explode if heated.
 Causes skin and eye irritation.
 Suspected of damaging fertility or the unborn child.
 May cause respiratory irritation.

Precautionary statements

May cause damage to organs through prolonged or repeated exposure.
 Obtain special instructions before use.
 Keep away from heat/sparks/open flames/hot surfaces. No smoking.
 Do not spray on an open flame or other ignition source.
 Do not pierce or burn, even after use.
 Wash hands thoroughly after handling.
 Use only outdoors or in a well-ventilated area.
 Do not handle until all safety precautions have been read and understood.
 Wear protective gloves.
 Do not breathe dust/fume/gas/mist/vapors/spray.
 IF INHALED: Remove person to fresh air and keep comfortable for breathing.
 If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 Call a POISON CENTER/doctor if you feel unwell.
 If skin irritation occurs: Get medical advice/attention.
 IF ON SKIN: Wash with plenty of water.
 If eye irritation persists: Get medical advice/attention.
 Take off contaminated clothing and wash it before reuse.
 Store locked up.
 Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.
 Protect from sunlight. Store in a well-ventilated place.
 Store in a well-ventilated place. Keep container tightly closed.
 Dispose of contents/container in accordance with local/regional/national/international regulations.

3 Composition/information on ingredients

Chemical characterization: Mixtures

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

Dangerous components:

74-98-6	propane	18.95%
106-97-8	n-butane	11.13%
13463-67-7	titanium dioxide	9.75%
110-19-0	Isobutyl Acetate	6.98%
108-88-3	Toluene	6.94%
64742-89-8	VM&P Naphtha	6.02%
1317-65-3	Calcium Carbonate	5.4%
64742-47-8	Mineral Spirits	2.49%
1330-20-7	xylene (mix)	2.33%
108-65-6	PM acetate	1.47%

4 First-aid measures

After inhalation: Supply fresh air; consult doctor in case of complaints.
 After skin contact: Remove contaminated clothing. Wash exposed area with soap and water.
 After eye contact: Rinse opened eye for several minutes under running water. Then consult a doctor.
 After swallowing: Rinse out mouth and then drink plenty of water.
 Rinse mouth with water. Do not induce vomiting.

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Most important symptoms and effects: Dizziness
 Indication of any immediate medical attention needed: No further relevant information available.

5 Fire-fighting measures

Extinguishing agents: 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.

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.

7 Handling and storage

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

8 Exposure controls/personal protection

Components with limit values that require monitoring at the workplace:

74-98-6 propane

PEL (United States GHS) Long-term value: 1800 mg/m³, 1000 ppm
 REL (United States GHS) Long-term value: 1800 mg/m³, 1000 ppm
 TLV (United States GHS) refer to Appendix F in TLVs & BEIs book; NIC-EX

106-97-8 n-butane

REL (United States GHS) Long-term value: 1900 mg/m³, 800 ppm
 TLV (United States GHS) Short-term value: (2370) mg/m³, (1000) ppm
 NIC-EX

110-19-0 Isobutyl Acetate

PEL (United States GHS) Long-term value: 700 mg/m³, 150 ppm
 REL (United States GHS) Long-term value: 700 mg/m³, 150 ppm
 TLV (United States GHS) Short-term value: 172 mg/m³, 150 ppm
 Long-term value: 238 mg/m³, 50 ppm

108-88-3 Toluene

PEL (United States GHS) Long-term value: 200 ppm
 Ceiling limit value: 300; 500* ppm
 *10-min peak per 8-hr shift
 REL (United States GHS) Short-term value: 560 mg/m³, 150 ppm
 Long-term value: 375 mg/m³, 100 ppm
 TLV (United States GHS) Long-term value: 75 mg/m³, 20 ppm
 BEI

1330-20-7 xylene (mix)

PEL (United States GHS) Long-term value: 435 mg/m³, 100 ppm
 REL (United States GHS) Short-term value: 655 mg/m³, 150 ppm
 Long-term value: 435 mg/m³, 100 ppm
 TLV (United States GHS) Short-term value: 651 mg/m³, 150 ppm
 Long-term value: 434 mg/m³, 100 ppm
 BEI

108-65-6 PM acetate

WEEL (United States GHS) Long-term value: 50 ppm

Ingredients with biological limit values:

108-88-3 Toluene

BEI (United States GHS) 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)

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1330-20-7 xylene (mix)

BEI (United States GHS)	1.5 g/g creatinine Medium: urine Time: end of shift Parameter: Methylhippuric acids
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Hygienic protection:	Keep away from foodstuffs and animal feed. Wash hands after use. Wash hands after use.
Breathing equipment:	Do not eat or drink while working. 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:	Nitrile gloves. Protective gloves. The glove material must be impermeable and resistant to the substance.
Eye protection:	Tightly sealed goggles

9 Physical and chemical properties

Appearance:	Aerosol.
Odor:	Aromatic – butyl acetate
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)
Vapor density	Not determined.
Evaporation rate	Not applicable.
Partition coefficient: n-octonal/water:	Not determined.
Solubility:	Not determined.
Viscosity:	Not determined.
Water:	21.3 %
Solids content:	21.5 %

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.

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)

110-19-0 Isobutyl Acetate

Oral LD50 4763 mg/kg (rbt)

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)

108-65-6 PM acetate

Oral LD50 8500 mg/kg (rat)

Inhalative LC50/4 h 35.7 mg/l (rat)

Information on toxicological effects:	No data available.
Skin effects:	No irritant effect.
Eye effects:	No irritating effect.
Sensitization:	No sensitizing effects known.

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Carcinogenic categories

IARC (International Agency for Research on Cancer)

13463-67-7	titanium dioxide	2B
108-88-3	Toluene	3
1330-20-7	xylene (mix)	3

NTP (National Toxicology Program)

None of the ingredients is listed.

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.

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.

14 Transport information

UN-Number	UN1950
DOT	N/A
DOT	UN1950
ADR	Consumer Commodity ORM-D
Transport hazard class(es):	Aerosols, flammable
Class	1950 Aerosols
Marine pollutant:	2.1
Special precautions for user:	No
EMS Number:	Warning: Gases
Packaging Group:	F-D,S-U
UN "Model Regulation":	--
	UN 1950, Aerosols, 2.1

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

California Proposition 65 chemicals known to cause developmental toxicity:

CANADIAN ENVIRONMENTAL PROTECTION ACT:
WHMIS Symbols for Canada:

108-88-3 Toluene

All hazardous ingredients for this product appear on the Canadian Domestic Substance List.
A - Compressed gas
D2A - Very toxic material causing other toxic effects

EPA:

110-19-0	Isobutyl Acetate	D
108-88-3	Toluene	II
1330-20-7	xylene (mix)	I

16 Other information

Contact: Regulatory Affairs
Date of preparation / last revision 02/20/2018