

MATERIAL SAFETY DATA SHEET



8B6A: Antibatic Rain Erosion Coating

1. Identification of the Product and Company

Product Code & Name: 8B6A: Antibatic Rain Erosion Coating
Manufacturer: AkzoNobel Aerospace Coatings, a division of International Paint LLC
 1 East Waver Street
 Woodbridge, NJ 08806 USA
 Tel: (91) 823 4200 Fax: 847 625 3200
 Emergency (telephone (US) CHEMTREC - 800 424 9300
 Emergency (telexphone (Outside US) CHEMTREC - 703 527 3887
 A-Z-E Chemicals (Canada) Ltd. (Canada) Tel: 905 477 8888
 A-Z-E Chemicals (China) Ltd. (China) Tel: 86 21 5011 1200
Product Use: Coating
Revision Date: 11/11/2008

2. Hazards Identification

--- Emergency Overview --- **Class:** liquid with ketone odor --- **Class:** (B) - Flammable liquid --- **Keep away from heat, sparks and flame** ---

Potential Acute Health Effects

Eye: Moderate irritation with redness and minor discomfort after direct splash to eye. Vapors may cause eye irritation with redness and minor discomfort of the eye.
Skin: Moderately irritating with possible redness and discomfort. May cause dry skin by desiccating skin oils. Product can be absorbed through the skin, but no adverse health effects are expected with normal occupational exposure.

Inhalation: Moderately irritating to nose, throat or breathing passages. May cause unconsciousness by depressing the central nervous system after prolonged exposure to high concentrations. May increase risk for sudden death from irregular heart rhythms caused by stressful conditions that increase the levels of adrenaline in the blood.

Ingestion: Moderately irritating to the mouth, stomach, and digestive system. No ingestion exposure expected with normal occupational use.

Potential Chronic Health Effects

Eye: Chronic exposure may cause inflammation of the lens of the eye (cataract). Chronic exposure can cause redness and irritation of the membrane that covers the eyeball and the inside of the eyelids (conjunctivitis).

Skin: Repeated contact can cause skin to crack and peel.

Inhalation: Chronic inhalation exposure may cause coughing or tightness in chest. May cause slight increase in heart size without affecting the function of the liver. May cause small changes in the hearing system. Chronic inhalation may lower the count of certain types of blood cells. Chronic alcohol use can increase the potential for toxicity from the repeated exposure to the aromatic hydrocarbon in this product. May accumulate in the body with daily exposure.

Ingestion: Chronic ingestion exposure would be unlikely due to the method of use or physical properties of this product.

The components listed in Section 3 may affect the following target organs: Central Nervous System, Eyes, Kidneys, Liver, Peripheral Nervous System, Respiratory System, Skin.

Primary Route(s) Of Entry: Skin Contact, Skin Absorption, Inhalation, Eye Contact

3. Composition / Information on Ingredients

Chemical Name	CAS Number	WT %
ALUMINUM OXIDE	1344-28-1	15-40
1-METHOXY-2-PROPANOYL ACETATE	108-65-6	10-30
METHYL ETHYL KETONE	78-93-3	10-30
BARIUM SULFATE	7727-43-7	5-10
BUTYL ACETATE	123-86-4	3-7
CARBON BLACK	1333-86-4	3-7
METHYL AMYL KETONE	110-43-0	1-5
TOLUENE	108-88-3	1-5

4. First Aid Measures

First Aid - Eye Contact: If this product contacts the eyes, immediately wash the eyes with large amounts of water, occasionally lifting the lower and upper lids. Get medical attention.

First Aid - Skin Contact: If this product contacts the skin, promptly wash the contaminated skin with soap & water. If the product penetrates the clothing, promptly remove the clothing and wash the skin with soap & water. If irritation persists after washing, get medical attention. Launder clothing before reuse.

First Aid - Inhalation: If a person breathes large amounts of this product, move the exposed person to fresh air at once. If breathing is difficult, get medical attention.

First Aid - Ingestion: If this product has been swallowed, get medical attention immediately.

5. Fire-Fighting Measures

Flash Point (F): 25 LOWER EXPLOSIVE LIMIT: 1.1
 Auto Ignition Temperature (F): N.D. UPPER EXPLOSIVE LIMIT: 12.5

Extinguishing Media: Carbon Dioxide, Dry Chemical Foam

Special Fire Fighting Procedures: Firefighters and others exposed to vapors or products of combustion should wear self-contained breathing apparatus.

Conditions of Flammability: Vapors are heavier than air and may travel to a source of ignition and flash back.

Hazardous Combustion Products: Combustion may produce carbon monoxide, carbon dioxide and irritating or toxic vapors and gases.

Explosion Data - Sensitivity to Mechanical Impact: Avoid any sparking between metals. Use of non-sparking tools is recommended.

Explosion Data - Sensitivity to Static Discharge: To avoid fire or explosion, dissipate static electricity during transfer by grounding and bonding containers and equipment before transferring material.

6. Accidental Release Measures

Personal Precautions: Use personal protection recommended in Section 8. Evacuate personnel to safe areas.

Environmental Precautions: Do not allow material to enter sewers or ground.

Methods for Containment: Ventilate area to maintain exposure below permissible exposure limits. Stop or control the spill. If this can be done with undue risk.

Methods for Clean-Up: Eliminate all ignition sources. Use caution as spill may create a slip hazard. Isolate discharge material for proper disposal. Use spark-proof tools to contain/stop. Wipe, scrape, or soak up in inert material. Wash spill area with soap and water.

7. Handling and Storage

Handling: Grounding or bonding of containers is recommended before material transfer. Activities such as sanding, burning, off set, or paint films may generate dust and/or fumes hazardous to the skin and lungs. Work in well ventilated areas. Use local exhaust ventilation and personal skin and respiratory protective equipment as appropriate.

Take precautionary measures against electrostatic discharge. Store away from heat, sparks, open flame and other ignition sources. Use non-sparking tools. Use explosion-proof electrical (ventilating, lighting and material handling equipment).

Storage: Store inside between 40°F - 100°F. Storage areas should be dry and well-ventilated. Eliminate all ignition sources.

8. Exposure Controls / Personal Protection

Engineering Controls: It is recommended that work be done in an adequately ventilated area (i.e., ventilation sufficient to maintain concentrations below one half of the PEL and other relevant standards). Local exhaust ventilation is recommended when general ventilation is not sufficient to control exposure concentrations. Use explosion-proof ventilation equipment.

Respiratory Protection: Appropriate respirators must be used, and a program that follows 29 CFR 1910.134 or other applicable regulatory requirements must be followed, when workplace hazards warrant the use of a respirator. NIOSH-approved or other approved respirators must be used when respiratory protection is necessary.

Eye Protection: Use appropriate goggles, face shields or other PPE, which will be effective under the circumstances if the possibility of contact exists. A program meeting 29 CFR 1910.133 or other applicable regulatory requirements must be followed when PPE is necessary.

Other Protective Equipment: Use impermeable gloves and protective clothing as necessary to prevent skin contact.

Hygiene Practices: Do not eat, drink, chew tobacco or gum, or apply cosmetics while working with this product. Wash hands before performing any of these activities.

Chemical Name	CAS Number	ACGIH TLV TWA	ACGIH TLV STEL	OSHA PEL C	OSHA PEL TWA
ALUMINUM OXIDE	1344-28-1	10 mg/m ³	N/D	N/D	15 mg/m ³
1-METHOXY-2-PROPANOL ACETATE	108-65-6	N/D	N/D	N/D	N/D
METHYL ETHYL KETONE	78-93-3	200 ppm	300 ppm	N/D	200 ppm
BARIUM SULFATE	7727-43-7	10 mg/m ³	N/D	N/D	15 mg/m ³ (total dust)
BUTYL ACETATE	123-86-4	150 ppm	200 ppm	N/D	150 ppm
CARBON BLACK	1333-86-4	3.5 mg/m ³	N/D	N/D	3.5 mg/m ³
METHYL AMYL KETONE	110-43-0	50 ppm	N/D	N/D	100 ppm
TOLUENE	106-98-3	20 ppm	N/D	300 ppm	200 ppm

9. Physical and Chemical Properties

Thermal Values	Boiling Range (F)	Freeze Point (F)	Specific Gravity	Appearance	Physical State	Color	Color Threshold (ppm)	Vapor Density	pH
	175 - 302	N/D	1.4	black	liquid	before	N/D	4.60	N/A
	VOC (g/l less water & exempt)	VOC (lb/gal less water & exempt)	% Solids By Weight	% Solids By Volume	Density (lb/gal)	Flashpoint (F)	Vapor Pressure	Evaporation Rate	Coefficient of volatility distribution
	588	4.8	57	33	11.5	25	N/D	N/D	N/D

10. Stability and Reactivity

Conditions to Avoid: Avoid contact with heat, open flame, sparks, or ignition sources. Open flames and sparks.

Hazardous Polymerization: Will not occur.

Stability: Stable.

11. Toxicological Information

Chemical Name	LD50	LC50	IARC	NTP	OSHA
ALUMINUM OXIDE	N/D	N/D			
1-METHOXY-2-PROPANOL ACETATE	Oral Rat: 8532 mg/kg	N/D			
METHYL ETHYL KETONE	Oral Rat: 2.8 g/kg	Inhalation Rat: 23500 mg/m ³ /8H			
BARIUM SULFATE	N/D	N/D			
BUTYL ACETATE	Oral Rat: 14130 mg/kg	Inhalation Rat: 2000 ppm/4H			
CARBON BLACK	N/D	N/D			Group 2B
METHYL AMYL KETONE	Oral Rat: 1680 mg/kg	N/D			
TOLUENE	Oral Rat: 5000 mg/kg	Inhalation Rat: 8000 ppm/4H			

Intensity of Product: This product contains ingredient(s) that are irritating to skin and eyes.

Sensitization to Product: This product contains ingredient(s) that are known skin sensitizers.

Carcinogenicity: See IARC, NTP and OSHA data above.

Reproductive Toxicity: No information.

Teratogenicity: No information.

Mutagenicity: No information.

12. Ecological Information

As noted has not conducted specific studies on the eco toxicity or environmental fate of this product. Commonly available data on certain ingredients indicate that

acute or chronic effects could result from uncontrolled releases to soil, ground water, storm waters, or air. Appropriate measures should be taken to prevent uncontrolled releases. Prompt containment and clean up should be performed if releases do occur.

13. Disposal Considerations

Legal disposition of wastes is the responsibility of the owner/generator of the waste. Applicable federal, state, and/or local regulations must be followed during treatment, storage, or disposal of waste containing this product. Do not dispose of in uncontrolled manner.

14. Transport Information

DOT Proper Shipping Name	Pack	HAZARDOUS	UN Number	HAZARDOUS	UN Number	Pack	HAZARDOUS	UN Number	HAZARDOUS
DOT Hazard Class	2	UN 283	UN 283	UN 283	UN 283	UN 283	UN 283	UN 283	UN 283
DOT Label Code	II	UN 283	UN 283	UN 283	UN 283	UN 283	UN 283	UN 283	UN 283
Label Code	3	UN 283	UN 283	UN 283	UN 283	UN 283	UN 283	UN 283	UN 283
Net Content	100	UN 283	UN 283	UN 283	UN 283	UN 283	UN 283	UN 283	UN 283

15. Regulatory Information

U.S. FEDERAL REGULATIONS: As follows -

CERCLA - SARA Hazard Category: This product is considered, under applicable definitions, to meet the following categories: IMMEDIATE HEALTH HAZARD, CHRONIC HEALTH HAZARD, FIRE HAZARD.

SARA Section 313: This product contains the following substances subject to the reporting requirements of Section 313 of the Superfund Amendment and Reauthorization Act of 1986 (SARA Title III) and 40 CFR 372.

Chemical Name	HAZ Category	CAS Number	WT %
Clean Air Act: This product contains the following chemical substances listed as Hazardous Air Pollutants (HAPs) under the Clean Air Act of 1980.			
Chemical Name	HAP Category	CAS Number	WT %
TOLUENE		108-88-3	1.9

These Substances Control Act: All the components of this product comply with applicable requirements of the US EPA TSCA inventory. Consider the following chemical(s) subject to the reporting requirements of TSCA 126 if exported from the US.

U.S. STATE REGULATIONS: As follows -

California Proposition 65 WARNING: This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

INTERNATIONAL REGULATIONS: As follows -

Canadian WHMIS Class: B2 D2A

CPIC: This product has been classified in accordance with the hazard criteria of the Controlled Product Regulations and the MSDS contains all of the information required by the Controlled Product Regulations.

European EINECS: All the components of this product are listed or are exempt from listing.

Australian AICS: The status of one or more components of this product is not known.

16. Other Information

National Paint & Coatings Association (NPCA) Hazardous Material Identification System (HMIS):
Health 2 Flammability 3 Reactivity 0 Pre-salvage Precision See Section 8

Legend: N/A Not Applicable, N/D Not Determined

FOR PROFESSIONAL USE ONLY

IMPORTANT NOTE: The information in this data sheet is not intended to be exhaustive and is based on the present state of our knowledge and on current laws. Any person using the product for any purpose other than that specifically recommended in the technical data sheet, without first obtaining written confirmation from us as to the suitability of the product for the intended purpose does so at his own risk. It is always the responsibility of the user to take all necessary steps to fulfill the demands set out in the local rules and legislation. Always read the Material Data Sheet and the Technical Data Sheet for this product if available. All advice we give or any statement made about the product by us (whether in this data sheet or otherwise) is correct to the best of our knowledge but we have no control over the quality or the condition of the substrate or the many factors affecting the use and application of the product. Therefore, unless we specifically agree in writing otherwise, we do not accept any liability whatsoever for the performance of the product or for any loss or damage arising out of the use of the product. All products supplied and technical data are subject to our conditions of sale. You should request a copy of this document and review it carefully. The information contained in this data sheet is for information purposes only and does not constitute an offer or a contract. It is the user's responsibility to verify that this data sheet is correct prior to using the product.

Brand names mentioned in this data sheet are trademarks of or are licensed to AkzoNobel.

Head Office
AkzoNobel Aerospace Coatings, a division of International Paint LLC, 1 East Water Street, Watkegan, IL 60085, USA, www.akzonobel.com/aerospac

Revision Date: 1/11/2009

NPCA Label Statements

WARNING! Flammable liquid and vapor. Vapor Harmful. Harmful if swallowed.

NOTE: Reports have associated repeated and prolonged occupational overexposure to solvents with permanent brain and nervous system damage. Irritation may be caused by contact with the skin or clothing. The use of this product may be harmful or cause eye irritation. Chronic eye irritation. Causes nose and throat irritation. Causes lung irritation. Vapor Harmful. May affect the brain or nervous system causing dizziness, headache or nausea.

First Aid: In case of eye contact, flush immediately with plenty of water for at least 15 minutes and get medical attention immediately. For skin, wash thoroughly with soap and water. If you experience dizziness in breathing, leave the area to obtain fresh air. If continued difficulty is experienced, get medical attention immediately. If swallowed, do not induce vomiting. Get medical attention immediately.

Verbs may cause flash fire. Keep away from heat, sparks and flame. Do not smoke. Extinguish all flames and pilot lights, and turn off stoves & ovens, heaters, electric motors and other sources of ignition during use and until all vapors are gone. Use only with adequate ventilation. Prevent build-up of vapors by opening all windows and doors to achieve cross-ventilation. Ensure fresh air entry during application and drying. If you experience eye watering, headache or dizziness or if air monitoring demonstrates vapour levels above applicable limits, wear an appropriate, properly fitted respirator (NIOSH approved) during and after application. For information on the product's indicators for respirator use, do not get in eyes, on hair or clothing. Do not breathe vapors. Wash thoroughly after handling. FOR INDUSTRIAL USE ONLY.

If spilled, contain spilled material and remove with vent absorbent. Dispose of contaminated absorbent, container and unused contents in accordance with local, state and federal regulations.

MATERIAL SAFETY DATA SHEET



30CC3A: Curing Solution for Anti-Static Coating

1. Identification of the Product and Company

Product Code & Name: 30CC3A: Curing Solution for Anti-Static Coating
 Manufacturer: Applied Aerospace Coatings, a division of International Paint LLC
 1 East Miller Street
 Wheeling, IL 60096 USA
 Tel: 647 823 4200 Fax: 647 625 3200
 Emergency (Outside US): CHEMTREC - 800 424 0300
 Emergency (Inside US): CHEMTREC - 202 527 2887
 NOTE: CHEMTREC members take heed only of the brand of manufacturer, not the specific product name, the specific hazard, chemical, or coating.
 Product Use: Coating
 Revision Date: 06/30/2008

2. Hazards Identification

--- Emergency Overview --- Clear liquid with aromatic odor --- Class 1B - Flammable Liquid --- Keep away from heat, sparks and flame ---

Potential Acute Health Effects
 Eye: Severe irritation with redness, pain, tearing and the possibility of significant injury after direct splash to eye. Vapors may cause eye irritation with redness and minor discomfort of the eye. Overexposure to isocyanate products can cause eye irritation.

Skin: Moderately irritating with possible redness and discomfort. Prolonged contact may cause burns with redness and pain. May cause dry skin by desiccating skin oils. Contains a component which can be absorbed through the skin in harmful amounts. Overexposure to isocyanate products can cause skin irritation. It can also lead to skin sensitization. The reaction may include rash, itching, hives and swelling of the arms and legs.

Inhalation: Moderately irritating to nose, throat or breathing passages. May cause unconsciousness by depressing the central nervous system after prolonged exposure to high concentrations. May increase risk for sudden death from regular heart rhythms caused by stressful conditions that increase the levels of adrenaline in the blood. Overexposure to isocyanate products can cause nose, throat, and lung irritation. It can also lead to lung sensitization. Symptoms may include coughing, wheezing, tightness in the chest and shortness of breath. Sensitization may develop as a result of a large single exposure or from repeated overexposure at lower levels. Respiratory (lung) sensitization can result in strong asthmatic responses to future airborne exposures, even at levels well below the TLV.

Ingestion: Moderately irritating to the mouth, stomach, and digestive system. No ingestion exposure expected with normal occupational use.

Potential Chronic Health Effects

Eye: Chronic exposure can cause redness and irritation of the membrane that covers the eyelid and the inside of the eyelids (conjunctivitis).

Skin: Frequent or prolonged skin contact may cause irritation or a rash (dermatitis).

Inhalation: May cause dry nose and throat, an abnormal sensation of pinching or tingling of the skin, tremors, apprehension, impaired memory, weakness, nervous irritation, dizziness, nausea, loss of appetite, headache, nose and damage to liver, abnormal increase in the number of bone marrow cells, low red blood cell count, and damage to the kidney. May cause damage to hearing or increase sensitivity to noise. Chronic irritation may lower the count of certain types of blood cells. Chronic alcohol use can increase the potential for toxicity from the repeated exposure to the aromatic hydrocarbon in this product. May accumulate in the body with daily exposure.

Ingestion: Chronic ingestion exposure would be unlikely due to the method of use or physical properties of this product.

The components listed in Section 3 may affect the following target organs: Blood, Central Nervous System, Eyes, Gastrointestinal Tract, Kidneys, Liver, Respiratory System, Skin.

Primary Route(s) Of Entry: Skin Contact, Skin Absorption, Inhalation, Eye Contact

3. Composition / Information on Ingredients

Chemical Name	CAS Number	WT %
TOLUENE	108-88-3	15-40
1-METHOXY-2-PROPANOL ACETATE	108-65-6	10-30
XYLENE	1330-20-7	10-30
ETHYLBENZENE	100-41-4	1-5
2,4-TOLUENE DIISOCYANATE	584-94-9	0.1-1.0

4. First Aid Measures

First Aid - Eye Contact: If this product contacts the eyes, immediately wash the eyes with large amounts of water, occasionally tilting the lower and upper lids. Get medical attention.

First Aid - Skin Contact: If this product contacts the skin, promptly wash the contaminated skin with soap & water. If this product penetrates the clothing, promptly remove the clothing and wash the skin with soap & water. If irritation persists after washing, get medical attention. Launder clothing before reuse.

First Aid - Inhalation: If a person breathes large amounts of the product, move the exposed person to fresh air at once. If breathing is difficult, get medical attention.

First Aid - Ingestion: If the product has been swallowed, get medical attention immediately.

5. Fire-Fighting Measures

Flash Point (F) 40 LOWER EXPLOSIVE LIMIT 1.0
 Auto Ignition Temperature (F) N/D UPPER EXPLOSIVE LIMIT 13.1

Extinguishing Media: Carbon Dioxide, Dry Chemical, Foam

Special Fire Fighting Procedures: Firefighters and others exposed to vapors or products of combustion should wear self-contained breathing apparatus.

Conditions of Flammability: Vapors are heavier than air and may travel to a source of ignition and flash back.

Hazardous Combustion Products: Combustion may produce carbon monoxide, carbon dioxide and irritating or toxic vapors and gases.

Explosion Data - Sensitivity to Mechanical Impact: Avoid any sparking between metals. Use of non-sparking tools is recommended.

Explosion Data - Sensitivity to Static Discharge: To avoid fire or explosion, dissipate static electricity during transfer by grounding and bonding containers and equipment before transferring material.

6. Accidental Release Measures

Personal Precautions: Evacuate personnel to safe areas. Use personal protection recommended in Section 8.

Environmental Precautions: Do not allow material to enter sewers or ground.

Methods for Containment: Stop or control the spill if this can be done with undue risk. Ventilate areas to maintain exposure below permissible exposure limits.

Methods for Clean-Up: Eliminate all ignition sources. Wipe, scrape, or soak up in an inert material. Wash spill area with soap and water. Isolate discharge material for proper disposal. Use spark-proof tools to contain/collect. Use caution as spill may create a slip hazard.

7. Handling and Storage

Handling: Grounding or bonding of containers is recommended before material transfer. Activities such as sawing, burning, etc. of spent films may generate dust and/or flames hazardous to the skin and lungs. Work in well-ventilated areas. Use local exhaust ventilation and personal skin and respiratory protective equipment as appropriate.

Use explosion proof electrical (ventilating, lighting and material handling) equipment. Use non-sparking tools. Store away from heat, sparks, open flame and other ignition sources. Take precautionary measures against electrostatic discharges.

Storage: Store inside between 40F - 100F. Storage areas should be dry and well-ventilated. Eliminate all ignition sources.

8. Exposure Controls / Personal Protection

Engineering Controls: It is recommended that work be done in an adequately ventilated area (i.e., ventilation sufficient to maintain concentrations below one half of the PEL and other relevant standards). Local exhaust ventilation is recommended when general ventilation is not sufficient to control airborne concentration. Use explosion-proof ventilation equipment.

Respiratory Protection: Appropriate respirators must be used, and a program that follows 29 CFR 1910.134 or other applicable regulatory requirements must be followed when nonorganic hazardous materials use of a respirator. NIOSH approved or other appropriate respirators must be used when respiratory protection is necessary.

Eye Protection: Wear appropriate goggles, face shield or other PPE, which will be effective under the circumstances if the possibility of contact exists. A program meeting 29 CFR 1910.133 or other applicable regulatory requirements must be followed when PPE is necessary.

Other Protective Equipment: Use impermeable gloves and protective clothing as necessary to prevent skin contact.

Hygiene Practices: Do not eat, drink, chew tobacco or gum, or apply cosmetics while working with this product. Wash hands before performing any of these activities.

Chemical Name	CAS Number	ACGIH TLV/TWA	ACGIH TLV STEL	OSHA PEL C	OSHA PEL TWA
TOLUENE	108-88-3	20 ppm	N/D	300 ppm	200 ppm
1-METHOXY-2-PROPANOYL ACETATE	108-65-6	N/D	N/D	N/D	N/D
XYLENE	1330-20-7	100 ppm	150 ppm	N/D	100 ppm
ETHYLBENZENE	100-41-4	100 ppm	125 ppm	N/D	100 ppm
2,4-TOLUENE DIISOCYANATE	594-94-9	0.005 ppm	0.02 ppm	0.02 ppm	N/D

9. Physical and Chemical Properties

Theoretical Value	Actual Value	Actual Value	Actual Value
Boiling Range (F)	231 - 302	VOC (g/litless water & aprotic)	577
Freeze Point (F)	N/D	VOC (log/litless water & aprotic)	4.8
Specific Gravity	1.0	% Solids By Weight	45
Appearance	Clear	% Solids By Volume	35
Physical State	liquid	Density (lb/gal)	8.7
Odor	#organic	Flashpoint (F)	40
Odor Threshold (ppm)	N/D	Vapor Pressure	N/D
Water Density	+ 8.00	Evaporation Rate	N/D
pH	N/A	Coefficient of Waterfall Distribution	N/D

10. Stability and Reactivity

Conditions to Avoid: Avoid contact with heat, open flame, sparks, or ignition sources if moisture enters the container, carbon dioxide gas may form and cause the container lid to bulge or pop off. Open flames and sparks.

Hazardous Polymerization: May occur.

Stability: Stable

11. Toxicological Information

Chemical Name	LD50	LC50	IARC	NTP	OSHA
TOLUENE	Oral Rat: 5000 mg/kg	Inhalation Rat: 8000 ppm/4H			
1-METHOXY-2-PROPANOYL ACETATE	N/D	N/D			
XYLENE	Oral Rat: 6532 mg/kg	Inhalation Rat: 5000 ppm/4H			
ETHYLBENZENE	Oral Rat: 4300 mg/kg	N/D			
2,4-TOLUENE DIISOCYANATE	N/D	Inhalation Rat: 14 ppm/4hr/4H	Group 2B	Amphibiotic	

Intensity of Product: This product contains ingredient(s) that are irritating to skin and eyes.

Sensitization to Product: This product contains ingredient(s) that are known skin and respiratory sensitizers.

Carcinogenicity: See IARC, NTP and OSHA data above.

Reproductive Toxicity: No information.

Teratogenicity: No information.

Mutagenicity: No information.

12. Ecological Information

AzoXolol has not conducted specific studies on the eco-toxicity or environmental fate of this product. Commonly available data on certain ingredients indicate that acute or chronic effects could result from uncontrolled releases to soil, ground water, storm water, or air. Appropriate measures should be taken to prevent uncontrolled releases. Proper containment and clean up should be performed if releases do occur.

13. Disposal Considerations

Legal disposition of wastes is the responsibility of the owner/generator of the waste. Applicable federal, state, and/or local regulations must be followed during treatment, storage, or disposal of waste containing this product. Do not dispose of in an uncontrolled manner.

14. Transport Information

DOT Proper Shipping Name	Pack Inst'd	UN	HAZARDOUS	HAZARDOUS	HAZARDOUS	HAZARDOUS
DOT Proper Shipping Name	3	152	Flammable Liquid	3	152	Flammable Liquid
DOT Hazard Class	3	152	Flammable Liquid	3	152	Flammable Liquid
DOT Packing Group	II	152	Flammable Liquid	II	152	Flammable Liquid
Label Code	3	152	Flammable Liquid	3	152	Flammable Liquid
Flash Point	139	152	Flammable Liquid	139	152	Flammable Liquid

Chemical Name	CAS Number	OSHA PEL	OSHA PEL TWA
TOLUENE	108-88-3	20 ppm	200 ppm
XYLENE	1330-20-7	100 ppm	100 ppm
ETHYLBENZENE	100-41-4	100 ppm	100 ppm
2,4-TOLUENE DIISOCYANATE	594-94-9	0.005 ppm	0.02 ppm

15. Regulatory Information

U.S. FEDERAL REGULATIONS: As follows:

OSHA - Safety Hazard Category: This product is considered under applicable definitions to meet the following categories: IMMEDIATE HEALTH HAZARD, CHRONIC HEALTH HAZARD, FIRE HAZARD.

SAHA Section 313: This product contains the following substances subject to the reporting requirements of Section 313 of the Superfund Amendment and Reauthorization Act of 1986 (SAHA Title III) and 40 CFR 372.

Chemical Name	313 Category	CAS Number	WT %
TOLUENE		108-88-3	25.6
XYLENE		1330-20-7	12.8
ETHYLBENZENE		100-41-4	3.0
2,4-TOLUENE DIISOCYANATE		594-94-9	0.3

Clean Air Act: This product contains the following chemical substances listed as Hazardous Air Pollutants (HAPs) under the Clean Air Act of 1990:

Chemical Name	HAP Category	CAS Number	WT %
TOLUENE		108-88-3	25.6
XYLENE		1330-20-7	12.8
ETHYLBENZENE		100-41-4	3.0
2,4-TOLUENE DIISOCYANATE		594-94-9	0.3

Toxic Substances Control Act: All the components of this product comply with applicable requirements of the US EPA TSCA inventory. Contains the following chemical(s) subject to the reporting requirements of TSCA 126 if exported from the US.

None known.

U.S. STATE REGULATIONS: As follows:

California Proposition 65 WARNING: This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

INTERNATIONAL REGULATIONS: As follows:

Canadian WHMIS Class: B2, D2A

OSHA: This product has been classified in accordance with the hazard criteria of the Controlled Product Regulations and the MSDS complies with all of the information required by the Controlled Product Regulations.

Australian AICS: The status of one or more components of this product is not known.

16. Other Information

National Paint & Coatings Association (NPCA) Hazardous Material Identification System (HMIS):
 Health: 2, Flammability: 3, Reactivity: 1, Personal Protection: See Section 8

FOR PROFESSIONAL USE ONLY
 IMPORTANT NOTE: The information in this data sheet is not intended to be exhaustive and is based on the present state of our knowledge and on current laws, any

person using the product for any purpose other than that specifically recommended in the technical data sheet without first obtaining written confirmation from us as to the suitability of the product for the intended purpose does so at its own risk. It is always the responsibility of the user to take all necessary steps to fulfil the demands set out in the local rules and legislation. Always read the Material Data Sheet and the Technical Data Sheet for this product if available. All advice we give or any statement made about the product by us (whether in this data sheet or otherwise) is correct to the best of our knowledge but we have no control over the quality or the condition of the substrate or the many factors affecting the use and application of the product. Therefore, unless we specifically agree in writing otherwise, we do not accept any liability whatsoever for the performance of the product or for any loss or damage arising out of the use of the product. All products supplied and technical advice given are subject to our standard terms and conditions of sale. You should request a copy of the document and review it carefully. The information contained in this data sheet is current prior to using the product.

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Revision Date: 06/30/2009

NPCA Label Statements

DANGER: Harmful liquid and vapor. May be harmful if absorbed through the skin. Vapor harmful. Harmful if inhaled. VAPOR AND SPRAY MIST HARMFUL. OVEREXPOSURE MAY CAUSE LUNG DAMAGE. MAY CAUSE ALLERGIC SKIN AND RESPIRATORY REACTION. EFFECTS MAY BE PERMANENT.

NOTICE: Reports have associated repeated and prolonged occupational overexposure to solvents with permanent brain and nervous system damage. Intentional misuse by repeatedly concentrating and painting the contents may be harmful or fatal to INDIVIDUALS WITH LUNG OR BREA THING PROBLEMS OR PRIOR IRRITATION. Vapor harmful. May affect the brain or nervous system causing dizziness, headache or nausea.

First Aid: In case of eye contact, flush immediately with plenty of water for at least 15 minutes and get medical attention immediately. For skin wash thoroughly with soap and water. If you experience difficulty in breathing, leave the area to obtain fresh air. If continued difficulty is experienced, get medical attention immediately. It may/it will, for no induce vomiting. Get medical attention immediately.

Warnings may cause flash fire. Keep away from heat, sparks and flame. Do not smoke. Extinguish all flames and pilot lights, and turn off stoves & ovens, heaters, electric motors and other sources of ignition during use and until all vapors are gone. Use only with adequate ventilation. Prevent build-up of vapors by opening all windows and doors to achieve cross-ventilation. Ensure fresh air entry during application and drying. If you experience eye watering, headache or dizziness or if air monitoring demonstrates vapour levels above applicable limits, wear an appropriate properly fitted respirator (NIOSH approved) during and after application. Follow sprayer manufacturer's directions for respirator use. Do not get in eyes, on skin or clothing. Do not breathe vapors. Wash thoroughly after handling. FOR INDUSTRIAL USE ONLY.

If spilled, contain spilled material and remove with inert absorbent. Dispose of contaminated absorbent, container and unused contents in accordance with local state and federal regulations.