MSDS: 8B6A

# MATERIAL SAFETY DATA SHEET



Page 1 of 5

5B5A; Antistatic Rain Erosion Costing

Manufacturer  1. East Water Street  1. Water Water  1. Water Street  1. Wa	Product Code & Name.	886A; Antistatic Rain Ercaion Costing
	Manufacturer	AktoNobel Aerospace Costings, a division of Informational PainLLC 1 East Water Street: Watergare, IL 800055 USA Tel 84 7 623 4200 Fax 847 625 3200
Coating	Emergency	Emergency (elephone (US) CHEMTREC - 800 424 8200 Emergency (elephone (US) CHEMTREC - 800 424 8200 Emergency (elephone (ollaude US) CHEMTREC - 700 627 3887 SOIT CHEMTREC (ollaude US) CHEMTREC - 700 627 3887
	Product Use:	

"" Emergency Overview "" ---- black liquid with ketone odor ----— Class IB - Flammable Liquid —Keep away from heat, sparts and flame.—

Potential Acete Heath Effects

Eye: Moderate imitation with redness and manor discombot effect speach to eye. Vapors may cause eye inhalicon with redness and minor discombot of the eye.

Skin Moderalely imitaling with possible redness and discomfon. May cause dry skin by discoving skin oils. Product can be absorbed through the skin, but no adverse health effects are expected with normal occupational expanse.

Installor. Moderately imitating to note, throat or breathing passages. May cause unconscruences by depressing the control nervous system after princinged exposure to high concentrations. May increase risk for sudden death from integrals heart rhythms caused by stressld, conditions that increase the levels of edienain in the blood.

Ingestion. Moderately initiating to the mouth, stomach, and digestiva system. No ingestion exposure expected with normal occupational use

Skin: Repealed contact can cause stin to crack and peel

Potential Chronic Health Effects

Eye: Chronic exposure may cause inflammation of the lens of the eye (compa). Chronic exposure can cause redness and initiation of the membrane that covers the eyeball and the metido of the eyebda (conjunctivitis).

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, Kritneys, Liver, Peripheral Nervous System, Respiratory System, Skin,

Invalsion: Chronic inhaltion exposure may cause coupling or lightness in cheel May cause slight increase in lear size without effecting the hundron of the liter. May cause small changes in the heaving system. Chronic inhaltishion may leave the count of certain lyose of blood calls. Chronic lacid use can indicate the potential for locating from the appeared exposure of the aromatic hydrocathon of this product, May account Author the Dody with daily appeared.

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

tition on Ingredients  CAS Number 1,34.29-1 109-65-6 109-65-6 7727-43-7 123-86-4 133-86-4 110-43-0 110-48-3	/ Information on ingredients  DE RETONE RETONE RETONE	_)		A First Aid Massires
CAS Number 1344-29-1 109-65-8 1727-43-7 123-86-4 113-3-86-4 110-43-0 109-88-3 109-88-5 109-88-5 109-88-5 109-88-5 109-88-5 109-88-5 109-88-5 109-88-5 109-88-5 109-88-5 109-88-5 109-88-5 109-88-5 109-88-5 109-88-5 109-88-5 109-88	CAS Number 1344-28-1 108-65-8 727-45-7 123-86-4 1333-86-4 110-45-0 110-48-3 110-48-3 110-48-3 110-48-3 110-48-3 110-48-3 110-48-3 110-48-3 110-48-3 110-48-3 110-48-3 110-48-3 110-48-3 110-48-3 110-48-3 110-48-3 110-48-3 1			
Liton on ingredients  CAS Number 1344-28-1 109-85-8 78-93-3 7727-43-7 123-86-4 1103-36-1 1103-36-1	CAS Number 1344-28-1 108-85-8 78-93-3 7727-43-7 123-86-4 110-3-5 110-3-5	ī	109-88-3	TOLUENE
CAS Number 1,544.29-1 1,544.29-1 1,645.6 1 1,645.6 1 1,727-43-7 1,727-43-7 1,727-43-7 1,723-86-4 1,733-86-1 1,733-86-1 1,	CAS Number 1344-29-1 108-65-8 1-8-8-3 7727-43-7 123-86-4 1333-86-4	-	110-43-0	METHYL AMYL KETONE
CAS Number 1344-28-1 108-68-8 1723-83-4 123-88-4	CAS Number 1344-28-1 108-65-8 108-65-8 7721-33-7	ω	1333-86-4	CARBON BLACK
tition on Ingredients  CAS Number 1344-28-1 109-85-8 178-93-3 777-43-7	tton on Ingredients  CAS Number 134-29-1 109-65-6 109-65-3 772-43-7	μ	123-86-4	BUTYL ACETATE
tion on ingredients  CAS Number 1344-29-1 104-65-6 78-93-3	tition on Ingredients  CAS Number 1344-29-1 108-68-6 178-93-3 78-93-3	ኟ	7727-43-7	BARIUM SULFATE
/ Information on Ingredients  CAS Number 1344-28-1 109-46-8 109-46-8	/ Information on Ingredients  CAS Number TOPE 1344-28-1 109-65-6	克克	78-93-3	METHYL ETHYL KETONE
/ Information on Ingredients  CAS Number 1344-26-1	/ Information on ingredients  CAS Number 1344-28-1	1 <del>.</del> 2.		1-METHOXY 2-PROPANOL ACETAT
/ Information on Ingredients  CAS Number	/Information on Ingredients	Ť	1344-28-1	ALUMINUM OXIDE
Composition / Information on Ingredients	3. Composition / Information on Ingredients	₹	CAS Number	Chemical Name
		L	ngredients	3. Composition / Information on Ir
			-	

First Aid : Eve Contact	MSDS: 8B6A	
ander of this product compacts the even		
immediately wash t		
he eyes with large amounts of water		
twater occasionally lifting r		
the lower and more	_	

age 2 of 5

nedical altention

First Ad - Inholeton | If a person breathea large amounts of this product, move the exposed parson to fresh ear at once. If breathing is difficult, get medical effection. Figs Ad - Skin Contact - If this product contacts the skin, promptly wash the contaminated skin with scap & water. If this product penetrates the ciching, promptly remove the dodting and wash the skin with scap & water. If mission persuss after washing, per medical afterdion, Launder ciching before reuse.

Fust Aci - Ingestion. If this product has been swellowed, get medical aftention immediately	
5. Fire-Fighting Measures	
Flash Point (F) 25	LOWER EXPLOSIVE UNIT 11
Auto landon Temperature (F): N.D.	UPPER EXPLOSIVE LIMIT 12.5

Exinguishing Media: Carbon Dioxide, Dry Chemical, Four

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

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

Hazardous Combustion Products: Combustion may produce carbon monoxide, carbon dioxide and imitaling or todo vapors and gases

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

Explosion Data - Senstivity to Static Discharge. To avoid fire or explosion, dissipate static electricity during transfer by grounding and bonding containent and

Accide
Accidental Release Measures
Release Measures
asures

Personal Precautions: Use personal profection recommended in Section 8. Evacuate personnel to safe sucas

Environmental Precautions: Do not allow material to order sewers or ground

Methods for Containment Vendlate area to maintain exposure below permissible exposure limits. Stop or control the spal, if this can be done with undue risk.

Methods for Clean-Up Eliminate at ignition sources. Use caution as split may create a sub hazard teolate discharge materiat for proper disposal. Use spark proof took to contained to Whee, scrape, or soak up in an ined material. Wash spill area with soap and water

7. Handling and Storage	

Handing (Goverling of booting of conserver is recommended betwe makensi travelor. Activities such as sending, bening off etc. of paint films may generate dust and/of hands hazardous to the abin and langs. Work in well ventilated areas. Use focal exhaust ventilation and personal abin and respiratory protective equipment as appropriate.

Take prezautonary measures against electrostatic discharges. Store away from heat, sparks, open fame and other spritten adurces. Use non-spacking toda. Use explosion-proof electrical (vernizating) legiting and material handling) equipment.

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

	-	-	-	-
	e. Tapoene Compole : Croping : Croping	# Eynosina Controls / Personal Protection		
L	_			

Equinemny Controls it is recommended that work be done in an adequately vertilated area (a., ventilation sufficient to maintain concentrations below one half of the PEL and other relevant standards), come editural ventilation is recommended when general ventilation to not sufficient to control arthorne confirmation. Use explosion-proof ventilation equipment. Respiratory Protection. Appropriate respirators must be used, and a program that rotiows 28 CFR 1910,134 or other applicable requirements must be received on other appropriate respiratory included in the respiratory protection is fallowed, when workplands hazards were an interest of a respiratory protection is

Eye Protection. Wear appropriate goggles, face shelds or other PPE, which will be effective under the circumstances if the possibility of contact exast. A program meeting 20 CFR 1810.133 or other applicable regulatory requirements must be followed when FPE is necessary

MSDS: 8B6A

Page 3 of 5

Other Projective Equipment. Use impermeable gloves and projective clothing as necessary to prevent skin contact.

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

CARBON BLACK METHYL AMYL KETONE TOLUENE	BUTYL ACETATE	BARIUM SULFATE	METHYL ETHYL KETONE	1-METHOXY 2-PROPANOL ACETATE	ALUMINUM OXIDE	Chemical Name
1333-86-4 110-43-0 108-88-3	123-86-4	7727-43-7	78-97-3	100-65-6	1344-28-1	CAS Number
3.5 mg/m3 50 ppm 20 ppm	150 ppm	10 mg/m3	200 ppm	Z D	10 mg/m3	ACGIH TLY TWA
N N N D D D	200 ppm	Z.	300 ppm	Z	N.D.	ACGIH TLY STEL
N.D. 300 ppm	<b>z</b> 0	<b>2</b>	Z	Z U	N.D.	OSHA PEL C
3.5 mg/m3 100 ppm 200 ppm	(total dust)	15 mg/m3	200 perm	P	TWA 15 mg/m3	OSHA PEL

<ol><li>Physical and Chemical Properties</li></ol>	Properties			
Theoretical budges				
Boiling Range (F)	175 - 302	VOC (gf)(less water & exempt):	588	
Freeze Point (F)	N.D.	VOC (lb/gal)(less water & exempt)	49	
Specific Gravity:	1.	% Solids By Weight:	57	
Appearance:	biack	% Solids By Volume.	33	
Physical State	liquid	Density (Ib/gal):	11.5	
Cdor	keione	Flashpoint (F)	25	
Odor Threshold (ppm)	N.D.	Vapor Pressure:	<b>¥.</b> D.	
Vapor Density:	• 4.60	Evaporation Rate:	NO.	
P	<i>x</i> ≽	Coefficient of water/oil distribution:	N.D	
10. Stability and Reactivity	7			
	•			

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

Hazardous Polymerization Will not occur

11. Toxicological Information

CARBON BLACK METHYL AMYL KETONE TOLUENE	BARIUM SULFATE BUTYL ACETATE	METHYL ETHYL KETONE	1-METHOXY 2-PROPANOL ACETATE	ALUMINUM OXIDE	Chemical Name	
N D Oral Rat: 1600 mg/kg Oral Rate, 5000 mg/kg	N.D. Oral Rat: 14130 mg/kg	Oral Rat: 2.8 g/kg	Oral Rat: 8532 mg/kg	N.D.	LD50	
N O N:D Inhalation Ret: 8000 ppm/4H	N.D. Inhalation Rat 2000 ppm/4H	Inhalation Rat: 23500 mg/m3/8H	N.D.	N.D.	LC50	
Group 2B					ARC	
					Ŧ	

Imitancy of Product: This product contains ingredient(s) that are imitating to skin and eyes

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

Cardinogenicky | See IARC, NTP and OSHA data above

Reproductive Toxicity: No Information

Teratogenicity No Information.

Mutagenicity No Information

Ecological Information

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

MSDS: 8B6A

Page 4 of 5

sode or chronic effects could result from uncontrolled recesses to soit, ground water, storm waters, or six Appropriate measures should be taken to prevent uncontrolled releases. Prompt containment and dean up should be performed if releases do occur.

Disposal Considerations

Legal disposition of wastes is the responsibility of the *owner(generator* of the waste. Applicable believal, 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.

Chemical Name
METHYL ETHYL KETONE
BARIUM SULFATE
BUTYL ACETATE
TOLUENE DOT Proper Shapeting Nerve DOT Heated Class DOT IN Norther DOT Procking Group Laber Codes Peop Galler Page 15. Regulatory Information Transport Information UNIX. IATA Proper Stepping Name (ATA Hazard Class (ATA (IN Hamber (ATA Padlery Groub (ATA Hazard Statelas) CAS Number 78-93-3 7727-43-7 123-86-4 108-88-3 \$ = Q ~ [ 100 Proper Shipping 100 Leaand Class 100 Un Number 100 Packing Oroug 100 Subjetiny Risk Martin Policiant CERCLA RQ 5000 LBS 1000 LBS 5000 LBS 1000 LBS

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

Clean Air Ad 114 product contains the fallowing chomical substances listed as Hazardous Air Polisients (1-VAP) unote the Clean Air Act of 1980.
Chemical Name
108-88-3
108-88-3 SARA Section 313 This product consints the following substances subject to the inporting requirements of Section 313 of the Superfund Amendment and Reautivaceation Act of 1996 (SAPA Title III) and 40 CFR 372 Chemical Name WT y
TOLUENE 108-86-3 19 - 5 ₹

...¥.

Tous Substances Comma Act. All the components of this product comply with applicable requirements of the US EPA TSCA inventory. Concains the blooking chemical (s) subject to the repositing requirements of TSCA 12b if provided from the US None Known.

U.S. STATE REGULATIONS: As follows -

AHSO

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 WHM/S Class: B2 D2A

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

European EINECS  $\cdot$  At the components of this product are listed or are exempt from listing

Austalian AICS - The status of one or more components of this product is not known.

Other Information

National Paint & Coatings Association (NPCA) Hexardous Material Identification System (HMIS)
Heath 2 Flammability 3 Reaction 0 Personal Protection See Section 8

lageng: N.A. - Not Applicable, N.D. - Not Determined

FOR PROFESSIONAL USE ONLY

MSDS: 8B6A Page 5 of 5

INFOSTANT 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 often han that specifically recommended in this technical data sheet without final, doctaining white confirmation from its as in the sumability of the product for the introdect purpose does so at this own risk. It is always the responsibility of the user to lake all necessary steps to halfill not definance set out in the folial rules and legislation. Always read the Material Data Sheet and the Technical Data Sheet for this product if available. All advices we give or any statistic most that product only to provide me in this data sheet or otherwise) is correct to the best of our fundedge but we have no control over the quality or the condition of the public of the product of the pro

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

Head Office AzoNobel Adrespace Coalings, a division of International Pairit LC, 1 East Water Street, Waukegan, IL 50085, USA, www.aczonobel.com/acrospace

Revision Date: \$1/11/2009

NPCA Label Statements

WARNING! Flammable liquid and vapor Vapor harmful Harmful if swallowed

NOTICE. Reports have associated repeate and prolonged conspational overexposite its solvents with permanent that next exercise stages in returning the disease of the permanent causes storm about a specific metales. The prolonged permanent causes storm and the stages and the permanent causes storm and the causes of the permanent causing discriments be added to receive the permanent causing discriments because of the permanent causing discriments because of the permanent causing discriments because of the permanent causing discriments are permanent causes.

Fist Ad in case of eye contact, flush immediately with pienty of water for all least 15 minutes and get medical amendan immediately; for stan, wast thoroughly with scoal and water, if you experience difficutly in breating, leave the area to obtain fresh air ill confinued difficulty is experienced, get medical eliterator immediately if swellowed do not induce vorniting. Get medical anteriuon immediately

Vapors may cause flash life. Keep away from heal, sparts and flame. Do not smoke Etringuish all flames and pilot lights, and turn off sloves & overs, heaters, electric moles, and other sources of gridion during use and urbit all vapors are gone. Use only with adequate ventration Prevent build-up of vapors by opening all windows and doors to ablieve organization. Ensure fresh are putry during application and drying if you experience are wetering, headafter or duzzones or if all monitoring demonstrates vaporitinate levels are applicable limits, wegs an appropriate, properly filled responsibly (NIOSH approxid) during and after application. Follow respirator manufacturer's directions for respirator use. Do holl get in eyes, on salvin or defining, Do not breathe vapors. Wealt thoroughly after handling, FOR INDUSTRIAL USE ONLY.

If spilled, contain spilled material and remove with trest absorbers. Dispose of contaminated absorbers, container and unused contains in accordance with local, state and federal regulations.

MSDS: S0C3A

# MATERIAL SAFETY DATA SHEET



## 50C3A; Curing Solution for Anti-Static Coating

1 Identification of the Product and Company	and Company
Product Code & Name	50C3A; Curing Solution for Amti-Static Coating
Manufacturer	AkaoNobel Aerospator Coetings. a division of International Paint LLC 1 East Water Street: Veutregan II, Boote USA Tel. 647 623 4200 Fax 647 625 3200
Emergency	Emergency ideptions (US) CHEMTREC - 800-424 \$200 Emergency ideptions (Orside US) CHEMTREC - 700-527 3887 Emergency identificate (Orside US) CHEMTREC - 700-527 3887 AUT CHEMTRE (Amobas Not used offy in the contributions for any specific lists, for exposure or appear to activity and activities of the contributions of the contribution of the contr
Froduct Use:	Coaing Revision Date: 06/30/2009
2. Hazards Identification	
	Class D Time with limits to the best marks and a rest

Potential Acute Health Effects
Potential Acute Health Effects
Potential Acute Health Effects
Potential month (adhess, pain, teamy and the possibility of agorificant injury after direct splish to eye. Vapors may cause eye mitation with radiness and
Immor discomfort of the eye. Overesposure to isosyanate products can cause eye imitation.

Som. Madeately infaling with possible redness and discordion. Protogod contact may cleade burns with edness and pain. May cause dry skin by dissolving skin ols. Consums a component which can be absorbed through the skin in harmful ammounts. Otherspressure it is becopanate products can cause skin infrastion it can also lead to skin persolutation. The reaction may include reast, titoring, these and swelling of the arms and legs.

Inhalation: Moderately initiating to nose, throat or breathing passages. May cause unconstitueness by degrassing the central netwous system after protonged exposure to high concerniations. May indeess risk for under death from inequire their highters caused by streated or additions that increase the levels of adrenalin in the blood. Overexposure to isocyanide products can cause nose, thosal, and lung mitation it can also lead to that generalization. Symptoms may include coughing, whereon, bighiness in the citizal and shortness of thesith. Schattariotion may develop as a result of a large style interaposate or from expedient allower levels. Respirationy (furrig) sensatization can result in storing authoratio response to future airport exposures, even at levels well below the TLV levels. Respirationy (furrig) sensatization can result in storing authoratio response to future airport exposures, even at levels well below the TLV.

Moderately initiating 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 imilation of the membrane that covers the eyebal and the inside of the eyelids (conjunctivits)

Š. Frequent or prolonged skin contact may cause inflation or a resh (demails)

Inhaiston: May cause dry nose and throat, an abnormal sensation of probling or tingling of the skin, termors, apprehension, impaired memory, weakness, nevocus mitation, districts, nauses, loss of appoint, heatilate, process fiver state and demage to heve, abnormal inforcase in the number of bone morrow costs, low red blood cell count, and demage to the view, demage to the view, the count of existin hystes of blood cells count, and demage to the view, demage to the view of those of count of the count of existin hystes of blood costs. Chronic installation may follow the count of existin hystes of blood costs. 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

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. Contral Nervous System Eyes. Gastroniestinal Tract. Kidneys, Liver. Respiratory. System Skin.

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

3. Composition / Information on Ingredients	
Circuital Name CAS Number	% TM
TOLUENE 108-88-3	5 6
TY 2-PROPANOL ACETATE	년 23
	<del>1</del> 030
ENZENE	5
OCYANATE	0.1-1.0
4. First Aid Messures	

MSDS: 50C3A	

Page 2 of 5

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

First Aid - Skn Contact If this product contacts the skin promptly wash the conteminated skin with soap & water If this product perceivates the clothing, promptly remove the clothing and wash the skin with soap & water, if smarror persans after watering, get medical attention. Launder clothing before rease. First, Aid - Inhalidion - If a person breathes large amounts of this product, move the exposed person to tresh air at once. If breathing is difficult, get medical anention

rilet Au - ingetaori in ille product has been swellowed, get incores discinci illemountery	
5. Fire-Fighting Measures	
Flash Point (F) 40	LOWER EXPLOSIVE LIMIT 1.0
And leading Tanana dina (F) N.D.	LIPPER EXPLOSIVE LIMIT 13.1

Extinguishing Media: Carbon Dioride, 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 Flarranability. Vapors are heavier than air and may litavel to a source of gnitton and flash back

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

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

Explosion Dela - Sensituity to Static Discharge. To avoid fire or explosion, dissipate static electricity during transfer by grounding and bonding containers and equipment before transfering materials.

). Accidental Release Measures
ise 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. Vendiate area to maintain exposure below permissible exposure limits

Methods for Clean-Up Etiminate all ignition sources. Wipe, scrape, or soak up in an nort material Wash spill area with scap and water Isolate discharge material for proper disposal. Use spark-proof tools to containesize, 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 sanding, burning off etc. of paint films may generate dual nandor burne hazandous to the sten and lungs. Work in well ventilated areas. Use local enhants ventilation and personal alun and respiratory protective equipment as

Use explosion-proof electrical (venthating, lighting and material hairding) equipment. Use non-sparking tools ignition sources. Take precautionary measures against electrostatic discharges. Store eway from 8 apar 6

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

8. Exposure Controls / Personal Protection	

Egymenny Controls: it is recommended that work be done in an adequately vestilated site (i.e., vestilation sufficient to maintain concentrations below one had of the PEL and other retowned standards), Local exhaust ventilation is recommended when general vestilation is not sufficient to control arbonne contenhation. Use explassion-proof versibilities equipment.

Respiratory Protection: Appropriate respirators must be used, and a program that follows 29 CFR 1910.134 or other applicable regulatory requirements frust be tollowed, when workplace huzards warrant the use of a requirator. NIOSH approved or other appropriate respirators must be used when respiratory protection to

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

### MSDS: 50C3A

Page 3 of 5

Other Projective Equipment Use Impermeable gloves and projective clothing as necessary to prevent skin contact

Hygienic Practices: Do not eat, drink, thew lobacco or gum, or apply coametics white working with this product. Wash hands before performing any of these activities,

200 ppm	300 ppm	N.D.	20 ppm	108-88-3	TOLUENE 1.METHOXY 2-PROPANOL ACETATE XYLENE ETHYLBENZENE 2.4 TOLUENE DIISOCYANATE
N.D	N D	N.D.	N D	108-65-6	
100 ppm	N D	150 ppm	100 ppm	1330-20-7	
100 ppm	N D	125 ppm	100 ppm	100-41-4	
N.D	0.02 ppm	0.02 ppm	0.005 ppm	584-84-9	
OSHA PEI	OSHA PEL C	ACGIH TLY STEL	ACGIH TLY TWA	CAS Number	Chemical Name

9. Physical and Chemical Properties	al Properties		
Theoretical Fahies			
Roiling Range (F)	231 - 302	VOC (g/l)(less water & exempt):	577
Freeze Point (F)	N.D.	VOC (lb/gal)(less water & exempt)	Ġ
Specific Gravity:	10	% Solids By Weight	<b>4</b> 5
Appearance	clear	% Solids By Volume:	æ
Physical State	liquid	Density (Ib/gal):	8.7
Odor	aromalic	Flashpoint (F):	å
Odor Threshold (ppm)	v.	Vapor Pressure	ND
Vapor Density	• <b>6</b> 00	Evaporation Rate:	N O
1	ž	Coefficient of water/oil distribution:	N D

Corobons To Avoid contact with heat, open fame, sparks, or ignition sources it mosture enters the container, carbon decide gas may form and cause the container lid to bulge or pop off. Open flames and aparts.

Hazardous Polymerization May occur

to. Stability and Reactivity

Stability: Stable

ETHYLBENZENE 2.4 TOLUENE DIISOCYANATE	1-METHOXY 2-PROPANOL ACETATE XYLENE	TOLUENE	Chemical Name	11. Lexicological Information
Oral Rat: 3500 mg/kg N.D.	Oral Rat 6532 mg/kg Oral Rat 4300 mg/kg	Oral Rate, 5000 mg/kg	LD50	
N D Inhalation Rat. 14 ppm/4Hm/4H;	N D. Inhalation Rat: 5000 ppm/4H,	Inhalation Ret: 8000 ppm/4H	LC50	
Group 28			IARC	
Anticipated Carc			NTP	
			AHSO	

Irritancy 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

Caronogenicity: See IARC, NTP and OSHA data above

Reproductive Todaily No Information

Teratogenicity: No Information.

Mutagenicity: No Information.

12. Ecological Information

Azo-Abad has not conduced specific studies on the ear botichy or environmental fiet of this product Commonly available data on certain ingredients indicate that action or chronic effects could result from uncontrolled releases, to our ground water, storm valiets, or as Appropriate measures should be taken to prevent uncontrolled releases. Provint containment and obtain up should be performed it releases do occur.

Disposal Considerations

MSDS: 50C3A

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

DOT Proper Shapping Name	Para Rokket Eulena	IATA Proper Shapping Name	Part Realed Capable	Paint Related Majorial - INO Proper Shapping Name:	Part Pairced Material
DOT HELING CING	٠	MIA HIPPER CINCA	_	INO Hezard Class	ų
DOT UN Number	CACINO	IATA UN HUMBE	CHIZE	NO UN Number	CHECH
DOT Paretong Group	•	IATA Packing Group	=	MO Packing Group	=
Label Code		IATA Personal Substanta	ξ	INO Subsidiary Rade	ţ
Rasa Calide Page	Š			Marre Policiers	ŧ
Chemical Name TOLUENE			CAS Number 108-88-3		CERCLA RO
XYI.ENE			1330-20-7		100 LBS
ETHYLBENZENE			100414		1000 LBS
2,4 TOLUENE DIISOCYANATE	SYANATE		584-84-9		SB100)
15. Regulatory Information	mation				

### U.S. FEDERAL REGULATIONS: As follows -

CERCIA - SARA Hazard Calegory This product is considered, under applicable definitions, to meet the following calegories: IMMEDIATE HEALTHHAZARD, CHRONIC HEALTHHAZARD, FIRE HAZARD

SARA Section 313. This product contains the following substances subject to the reporting requirements of Section 313 of the Superfund Amendment and

Clean As Act: This product contains the following chemical substances lated as Hazindous As Pollularis (HAPs) under the Clean Air Act of 1980: CAS Number TOLUENE 108-88-3 XYLENE 130-20-7 ETHYLBRUZENE 109-88-1 100-41-4 584-84-9 584-84-9	Resultivoration Act of 1986 (SARA Trie III) and 40 CFR 372 Chemical Name TOLUENE TYLENE ETHYLBENZENE 2.4 TOLUENE DISOCYANATE
Ar Poliularie (HAP4) under the Clean Air Act of 1980: CAS Number 108-88-3 1330-20-7 100-41-4 584-84-8	CAS Number 108-88-3 139-20-7 100-41-4 584-84-9
₩1 % 25.6 12.8 3.0 0.3	WT % 25.6 12.8 3.0 0.3

Tote. Substances: Control Ad. At the components of this product comply with applicable requirements of the US. EPA TSCA inventory. Complains the following chemical(s) subject to the reporting requirements of TSCA. Tat it exported from the US.

Note Known

U.S. STATE REGULATIONS: As follows -

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

INTERNATIONAL REGULATIONS: As follows -

Conjudian WHM/IS Claus: B2 D2A

CPRC. 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.

Austalian AICS - The status of one or more components of this product is not known

Other Information

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

egend: N.A. - Not Applicable, N.D. - Not Orientinal

FOR PROFESSIONAL USE ONLY INTERPRETATION IN INSIDE IS NOT INTERPRETATION TO BE SHOULD BE SHOULD

MSDS: 50C3A Page 5 of 5

person using the product for any purpose other than that specifically recommended in the technical data affect without first obtaining written confirmation from us as to the suitability of the product for the interest purpose does so at his own risk. It is always that susponability of the user to date all necessary steps to that the defended set of the product of the interest product of written and report of written and report of the state of the product of the produ

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

Hand Office AzoNobel Aetospace Costings, a division of international Parti LLC, 1 East Water Steef, Wattlegen, IL 60085, USA, www.akzonobel.com/aerospace

Revision Data: 06/30/2009

NPCA Label Statements

DANGER! Flammable liquid and vapor May be harmful if absorbed through the skin. Vapor harmful, Harmful if availowed, 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 overexposite of solvents with permanent train and nervous system damage interturnal misuse by deliberately concentrating and shalling the conferis may be narmally of real HOWADLALS WITH LUNG OR BREATHING PROBLEMS OR PROR. REACTION TO ISOCYANALES AND ISSUES WAS EXPOSED TO VAPOR OR SEPACY MIST. Causes any emittain Causes stan tritation. Causes note and fined mistion. Vapor harmful, May affect the bisin or nervous system causing dizziness, headedly or nauses.

Fret Ad in case of eye coaled, that impetialely with plenty of voter for at least 15 minutes and get mesocal attention minuteshely, for skin weat thoroughly with score and water if you experience defloatly in breathing, leave the seco to bloan heave if continued difficulty is experienced, get medical attention immediately. If swillyweld, do not induce vorming, ded insoficial attention immediately.

Votors may cause flash fire. Keep eway from least sparke and dame. Do not smake. Excliquish all flavres and pilot lights, and turn off stores & overs, heaters, electric motors and other sources of lightion during use and univit all vopors are gone. Use only with adequate ventilation. Prevent build-up of valgots by opening all vanctors and done to achieve cross-ventilation. Ensure flesh are early during application and drying. If you experience eye vatering, headaction of dizziness of it all monitoring demonstrates vaporinsal flerist are above applicable limits, were an appropriate properly fined respirate findication. Which approved furing and after application follows that experience is directions for respiration captures. On not get in eyes, on skin or clothing. Do not breathe vapors. Wash throughly after handling FOR IRJULISTRIAL USE ONLY.

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