MATERIAL SAFETY DATA SHEET

ACT RED



Akzo Nobel Coatings International Paint LLC 2270 Morris Avenue P. O. Box 386 Union, NJ 07083 Sales Order: {SalesOrd}

MSDS Revision No:

A8 -9

MSDS Revision Date:

07/31/2012

MSDS Revision Date: **EMERGENCY NUMBERS:**

 (800) 424–9300
 CHEMTREC (USA)

 (703) 527–3887
 CHEMTREC (Intl)

 (800) 854–6813
 Poison Control Center

 CUSTOMER SERVICE:
 (Non–Emergency)

 (800) 589–1267
 International Paint

 (800) 631–7481
 Interlux

1. GENERAL INFORMATION

Product Identity: ACT RED **Bulk Sales Reference No:** Y4490B

IMPORTANT: Read this MSDS before handling or disposing of this product, and provide this information to the employee, customers, and users of this product. PLEASE NOTE THE MSDS REVISION NUMBER AT THE TOP OF THIS PAGE. If the MSDS Revision Number posted at the top of this page does not match the MSDS Revision Number on the product label, please contact Customer Service at the phone number included above for the correct MSDS. This product is covered by the OSHA Hazard Communication Standard and this document has been prepared in accordance with requirements of this standard.

NOTICE: OSHA hazardous chemicals are listed in Section 2 if present at 1% or more. Carcinogens and extraordinarily/special hazardous chemicals are listed in Section 2 if present at .1% or more. Additional regulatory information for specific chemical categories is included in Section 15.

2. HAZARDOUS INGREDIENT INFORMATION

CAS No.	Ingredient Name & %	Source	Exposure Data		
		OSHA:	No Established Limit		
		ACGIH:	No Established Limit		
		NIOSH:	25 ppm TWA; 125 mg/m3 TWA		
		Supplier:	No Established Limit		
0000095-63-6	1,2,4-Trimethyl benzene 1.0 – 10% by Weight	OHSA, CAN:	No Established Limit		
		Mexico:	No Established Limit		
		Brazil:	No Established Limit		
		Source	Health Data		
		NIOSH:	No Established Limit		
		Source	Carcinogen Data		
		OSHA:	Select Carcinogen: No		
		NTP:	Known Carcinogen: No; Suspected Carcinogen: No		
		IARC:	Group 1: No; Group 2A: No; Group 4: No		
CAS No.	Ingredient Name & %				
CAS No.	Ingredient Name & %	Source	Exposure Data		
CAS No.	Ingredient Name & %	Source OSHA:	Exposure Data 100 ppm TWA; 435 mg/m3 TWA125 ppm STEL; 545 mg/m3 STEL		
CAS No.	Ingredient Name & %		100 ppm TWA; 435 mg/m3 TWA125 ppm STEL; 545 mg/m3 STEL 100 ppm TWA125 ppm STEL		
CAS No.	Ingredient Name & %	OSHA:	100 ppm TWA; 435 mg/m3 TWA125 ppm STEL; 545 mg/m3 STEL		
CAS No.	Ingredient Name & %	OSHA: ACGIH:	100 ppm TWA; 435 mg/m3 TWA125 ppm STEL; 545 mg/m3 STEL 100 ppm TWA125 ppm STEL 100 ppm TWA; 435 mg/m3 TWA125 ppm STEL; 545 mg/m3		
CAS No.	Ÿ	OSHA: ACGIH: NIOSH:	100 ppm TWA; 435 mg/m3 TWA125 ppm STEL; 545 mg/m3 STEL 100 ppm TWA125 ppm STEL 100 ppm TWA; 435 mg/m3 TWA125 ppm STEL; 545 mg/m3 STEL800 ppm IDLH (10% LEL) No Established Limit 100 ppm TWA125 ppm STEL		
CAS No.	Benzene, ethyl- 1.0 – 10% by Weight	OSHA: ACGIH: NIOSH: Supplier:	100 ppm TWA; 435 mg/m3 TWA125 ppm STEL; 545 mg/m3 STEL 100 ppm TWA125 ppm STEL 100 ppm TWA; 435 mg/m3 TWA125 ppm STEL; 545 mg/m3 STEL800 ppm IDLH (10% LEL) No Established Limit		
	Benzene, ethyl-	OSHA: ACGIH: NIOSH: Supplier: OHSA, CAN:	100 ppm TWA; 435 mg/m3 TWA125 ppm STEL; 545 mg/m3 STEL 100 ppm TWA125 ppm STEL 100 ppm TWA; 435 mg/m3 TWA125 ppm STEL; 545 mg/m3 STEL800 ppm IDLH (10% LEL) No Established Limit 100 ppm TWA125 ppm STEL 100 ppm TWA; 435 mg/m3 TWA125 ppm STEL; 545 mg/m3		
	Benzene, ethyl-	OSHA: ACGIH: NIOSH: Supplier: OHSA, CAN: Mexico:	100 ppm TWA; 435 mg/m3 TWA125 ppm STEL; 545 mg/m3 STEL 100 ppm TWA125 ppm STEL 100 ppm TWA; 435 mg/m3 TWA125 ppm STEL; 545 mg/m3 STEL800 ppm IDLH (10% LEL) No Established Limit 100 ppm TWA125 ppm STEL 100 ppm TWA; 435 mg/m3 TWA125 ppm STEL; 545 mg/m3 STEL		
	Benzene, ethyl-	OSHA: ACGIH: NIOSH: Supplier: OHSA, CAN: Mexico: Brazil:	100 ppm TWA; 435 mg/m3 TWA125 ppm STEL; 545 mg/m3 STEL 100 ppm TWA125 ppm STEL 100 ppm TWA; 435 mg/m3 TWA125 ppm STEL; 545 mg/m3 STEL800 ppm IDLH (10% LEL) No Established Limit 100 ppm TWA125 ppm STEL 100 ppm TWA; 435 mg/m3 TWA125 ppm STEL; 545 mg/m3 STEL 78 ppm TWA; 340 mg/m3 TWA		
	Benzene, ethyl-	OSHA: ACGIH: NIOSH: Supplier: OHSA, CAN: Mexico: Brazil: Source	100 ppm TWA; 435 mg/m3 TWA125 ppm STEL; 545 mg/m3 STEL 100 ppm TWA125 ppm STEL 100 ppm TWA; 435 mg/m3 TWA125 ppm STEL; 545 mg/m3 STEL800 ppm IDLH (10% LEL) No Established Limit 100 ppm TWA125 ppm STEL 100 ppm TWA125 ppm STEL 100 ppm TWA; 435 mg/m3 TWA125 ppm STEL; 545 mg/m3 STEL 78 ppm TWA; 340 mg/m3 TWA Health Data		
	Benzene, ethyl-	OSHA: ACGIH: NIOSH: Supplier: OHSA, CAN: Mexico: Brazil: Source NIOSH:	100 ppm TWA; 435 mg/m3 TWA125 ppm STEL; 545 mg/m3 STEL 100 ppm TWA125 ppm STEL 100 ppm TWA; 435 mg/m3 TWA125 ppm STEL; 545 mg/m3 STEL800 ppm IDLH (10% LEL) No Established Limit 100 ppm TWA125 ppm STEL 100 ppm TWA; 435 mg/m3 TWA125 ppm STEL; 545 mg/m3 STEL 78 ppm TWA; 340 mg/m3 TWA Health Data Eye skin		
	Benzene, ethyl-	OSHA: ACGIH: NIOSH: Supplier: OHSA, CAN: Mexico: Brazil: Source NIOSH: Source	100 ppm TWA; 435 mg/m3 TWA125 ppm STEL; 545 mg/m3 STEL 100 ppm TWA125 ppm STEL 100 ppm TWA; 435 mg/m3 TWA125 ppm STEL; 545 mg/m3 STEL800 ppm IDLH (10% LEL) No Established Limit 100 ppm TWA125 ppm STEL 100 ppm TWA; 435 mg/m3 TWA125 ppm STEL; 545 mg/m3 STEL 78 ppm TWA; 340 mg/m3 TWA Health Data Eye skin Carcinogen Data		

		IARC:	Group 1: No; Group 2A: No; Group 2b: Yes; Group 3: No; Group 4: No		
CAS No.	Ingredient Name & %	Source	Exposure Data		
		OSHA:	No Established Limit		
		ACGIH:	No Established Limit		
		NIOSH:	25 ppm TWA; 125 mg/m3 TWA		
		Supplier:	No Established Limit		
4.	4.0.5. Triber etteralle aussaus	OHSA, CAN:	No Established Limit		
0000108–67–8	1,3,5–Trimethylbenzene 1.0 – 10% by Weight	Mexico:	No Established Limit		
		Brazil:	No Established Limit		
		Source	Health Data		
		NIOSH:	No Established Limit		
		Source	Carcinogen Data		
		OSHA:	Select Carcinogen: No		
		NTP:	Known Carcinogen: No; Suspected Carcinogen: No		
		IARC:	Group 1: No; Group 2A: No;		
		IANO.	Group 2b: No; Group 3: No; Group 4: No		
CAS No.	Ingredient Name & %	Source	Exposure Data		
		OSHA:	10 mg/m3 TWA (fume)		
		ACGIH:	5 mg/m3 TWA (respirable fraction)		
		NIOSH:	5 mg/m3 TWA (dust and fume, as Fe)2500 mg/m3 IDLH (dust and fume, as Fe)		
		Supplier:	No Established Limit		
	Iron oxide	OHSA, CAN:	5 mg/m3 TWA (respirable)		
0001309–37–1	1.0 – 10% by Weight	Mexico:	5 mg/m3 TWA10 mg/m3 STEL (as Fe)		
	, ,	Brazil:	No Established Limit		
		Source	Health Data		
		NIOSH:	Benign pneumoconiosis termed siderosis		
		Source	Carcinogen Data Select Carcinogen: No		
		OSHA:			
		NTP:	Known Carcinogen: No; Suspected Carcinogen: No		
		IARC:	Group 1: No; Group 2A: No;		
		iAito.	Group 2b: No; Group 3: Yes; Group 4: No		
CAS No.	Ingredient Name & %	Source	Exposure Data		
		OSHA:	5 mg/m3 TWA (fume); 15 mg/m3 TWA (total dust); 5 mg/m3		
		ACGIH:	TWA (respirable fraction)10 mg/m3 STEL (fume) 2 mg/m3 TWA (respirable fraction)10 mg/m3 STEL (respirable		
		NIOSH:	fraction) 5 mg/m3 TWA (dust and fume)10 mg/m3 STEL (fume)15		
		Supplier:	mg/m3 Ceiling (dust)500 mg/m3 IDLH No Established Limit		
		OHSA, CAN:	2 mg/m3 TWA (respirable)10 mg/m3 STEL (respirable)		
0001314-13-2	Zinc oxide		5 mg/m3 TWA (fume); 10 mg/m3 TWA (dust)10 mg/m3 STEL		
	10 – 25% by Weight	Mexico:	(fume)		
		Brazil:	No Established Limit		
		Source	Health Data		
		NIOSH:	Metal fume fever		
		Source	Carcinogen Data Select Carcinogen: No		
		OSHA:			
		NTP:	Known Carcinogen: No; Suspected Carcinogen: No		
		IARC:	Group 1: No; Group 2A: No; Group 2b: No; Group 3: No; Group 4: No		
CAS No.	Ingredient Name & %	Source	Exposure Data		
2.101101		OSHA:	No Established Limit		
		00			

	VCCI∏.	No Established Limit		
		No Established Limit No Established Limit		
		No Established Limit		
		No Established Limit		
		No Established Limit		
		No Established Limit		
		Health Data		
		No Established Limit		
		Carcinogen Data		
	OSHA:	Select Carcinogen: No		
	NTP:	Known Carcinogen: No; Suspected Carcinogen: No		
	IARC:	Group 1: No; Group 2A: No; Group 2b: No; Group 3: No; Group 4: No		
		2.00p 25.110, 3.00p 3.110, 3.100p 1.110		
Ingredient Name & %	Source	Exposure Data		
	OSHA:	100 ppm TWA; 435 mg/m3 TWA150 ppm STEL; 655 mg/r STEL		
	ACGIH:	100 ppm TWA150 ppm STEL		
		No Established Limit		
		No Established Limit		
		100 ppm TWA150 ppm STEL		
		100 ppm TWA; 435 mg/m3 TWA150 ppm STEL; 655 mg/m3		
	Mexico:	STEL		
1.0 – 10% by Weight	Brazil:	78 ppm TWA; 340 mg/m3 TWA		
	Source	Health Data		
	NIOSH:	Central nervous system depressant; respiratory and eye irritation		
	Source	Carcinogen Data		
		Select Carcinogen: No		
		Known Carcinogen: No; Suspected Carcinogen: No		
	NIF.	Group 1: No; Group 2A: No;		
	IARC:	Group 2b: No; Group 3: Yes; Group 4: No		
Ingredient Name & %	Source	Exposure Data		
ingredient Hame & 70		No Established Limit		
	ACGIH.	No Established Limit		
	MICCH	No Established Limit		
	NIOSH:			
	Supplier:	No Established Limit		
Pagin		No Established Limit exposure by all routes should be carefully controlled to levels		
Rosin	Supplier:	No Established Limit		
Rosin 10 – 25% by Weight	Supplier: OHSA, CAN:	No Established Limit exposure by all routes should be carefully controlled to levels as low as possible		
	Supplier: OHSA, CAN: Mexico:	No Established Limit exposure by all routes should be carefully controlled to levels as low as possible 0.1 mg/m3 TWA (as Formaldehyde)		
	Supplier: OHSA, CAN: Mexico: Brazil:	No Established Limit exposure by all routes should be carefully controlled to levels as low as possible 0.1 mg/m3 TWA (as Formaldehyde) No Established Limit		
	Supplier: OHSA, CAN: Mexico: Brazil: Source NIOSH:	No Established Limit exposure by all routes should be carefully controlled to levels as low as possible 0.1 mg/m3 TWA (as Formaldehyde) No Established Limit Health Data No Established Limit		
	Supplier: OHSA, CAN: Mexico: Brazil: Source NIOSH: Source	No Established Limit exposure by all routes should be carefully controlled to levels as low as possible 0.1 mg/m3 TWA (as Formaldehyde) No Established Limit Health Data No Established Limit Carcinogen Data		
	Supplier: OHSA, CAN: Mexico: Brazil: Source NIOSH: Source OSHA:	No Established Limit exposure by all routes should be carefully controlled to levels as low as possible 0.1 mg/m3 TWA (as Formaldehyde) No Established Limit Health Data No Established Limit Carcinogen Data Select Carcinogen: No		
	Supplier: OHSA, CAN: Mexico: Brazil: Source NIOSH: Source	No Established Limit exposure by all routes should be carefully controlled to levels as low as possible 0.1 mg/m3 TWA (as Formaldehyde) No Established Limit Health Data No Established Limit Carcinogen Data Select Carcinogen: No Known Carcinogen: No; Suspected Carcinogen: No		
	Supplier: OHSA, CAN: Mexico: Brazil: Source NIOSH: Source OSHA:	No Established Limit exposure by all routes should be carefully controlled to levels as low as possible 0.1 mg/m3 TWA (as Formaldehyde) No Established Limit Health Data No Established Limit Carcinogen Data Select Carcinogen: No		
10 – 25% by Weight	Supplier: OHSA, CAN: Mexico: Brazil: Source NIOSH: Source OSHA: NTP:	No Established Limit exposure by all routes should be carefully controlled to levels as low as possible 0.1 mg/m3 TWA (as Formaldehyde) No Established Limit Health Data No Established Limit Carcinogen Data Select Carcinogen: No Known Carcinogen: No; Suspected Carcinogen: No Group 1: No; Group 2A: No; Group 2b: No; Group 3: No; Group 4: No		
	Supplier: OHSA, CAN: Mexico: Brazil: Source NIOSH: Source OSHA: NTP:	No Established Limit exposure by all routes should be carefully controlled to levels as low as possible 0.1 mg/m3 TWA (as Formaldehyde) No Established Limit Health Data No Established Limit Carcinogen Data Select Carcinogen: No Known Carcinogen: No; Suspected Carcinogen: No Group 1: No; Group 2A: No; Group 2b: No; Group 3: No; Group 4: No		
10 – 25% by Weight	Supplier: OHSA, CAN: Mexico: Brazil: Source NIOSH: Source OSHA: NTP:	No Established Limit exposure by all routes should be carefully controlled to levels as low as possible 0.1 mg/m3 TWA (as Formaldehyde) No Established Limit Health Data No Established Limit Carcinogen Data Select Carcinogen: No Known Carcinogen: No; Suspected Carcinogen: No Group 1: No; Group 2A: No; Group 2b: No; Group 3: No; Group 4: No Source Exposure Data OSHA: No Established Limit		
10 – 25% by Weight	Supplier: OHSA, CAN: Mexico: Brazil: Source NIOSH: Source OSHA: NTP:	No Established Limit exposure by all routes should be carefully controlled to levels as low as possible 0.1 mg/m3 TWA (as Formaldehyde) No Established Limit Health Data No Established Limit Carcinogen Data Select Carcinogen: No Known Carcinogen: No; Suspected Carcinogen: No Group 1: No; Group 2A: No; Group 2b: No; Group 3: No; Group 4: No Source Exposure Data OSHA: No Established Limit ACGIH: No Established Limit		
10 – 25% by Weight	Supplier: OHSA, CAN: Mexico: Brazil: Source NIOSH: Source OSHA: NTP:	No Established Limit exposure by all routes should be carefully controlled to levels as low as possible 0.1 mg/m3 TWA (as Formaldehyde) No Established Limit Health Data No Established Limit Carcinogen Data Select Carcinogen: No Known Carcinogen: No; Suspected Carcinogen: No Group 1: No; Group 2A: No; Group 2b: No; Group 3: No; Group 4: No Source Exposure Data OSHA: No Established Limit ACGIH: No Established Limit No Established Limit		
10 – 25% by Weight	Supplier: OHSA, CAN: Mexico: Brazil: Source NIOSH: Source OSHA: NTP:	No Established Limit exposure by all routes should be carefully controlled to levels as low as possible 0.1 mg/m3 TWA (as Formaldehyde) No Established Limit Health Data No Established Limit Carcinogen Data Select Carcinogen: No Known Carcinogen: No; Suspected Carcinogen: No Group 1: No; Group 2A: No; Group 2b: No; Group 3: No; Group 4: No Source Exposure Data OSHA: No Established Limit ACGIH: No Established Limit No Established Limit Supplier: No Established Limit		
10 – 25% by Weight	Supplier: OHSA, CAN: Mexico: Brazil: Source NIOSH: Source OSHA: NTP:	No Established Limit exposure by all routes should be carefully controlled to levels as low as possible 0.1 mg/m3 TWA (as Formaldehyde) No Established Limit Health Data No Established Limit Carcinogen Data Select Carcinogen: No Known Carcinogen: No; Suspected Carcinogen: No Group 1: No; Group 2A: No; Group 2b: No; Group 3: No; Group 4: No Source Exposure Data OSHA: No Established Limit ACGIH: No Established Limit No Established Limit		
	Ingredient Name & % Xylenes (o-, m-, p- isomers) 1.0 - 10% by Weight Ingredient Name & %	Ingredient Name & % Source OSHA: ACGIH: NIOSH: Supplier: OHSA, CAN: Mexico: Brazil: Source NIOSH: Source OSHA: NTP: IARC: Ingredient Name & % Source OSHA: ACGIH:		

			Brazil: No Established Limit Source Health Data NIOSH: No Established Limit Source Carcinogen Data OSHA: Select Carcinogen: No NTP: Known Carcinogen: No; Suspected Carcinogen: No Group 1: No; Group 2A: No; Group 2b: No; Group 3: No; Group 4: No		
CAS No.	Ingredient Name & %	Source	Exposure Data		
		OSHA:	No Established Limit		
		ACGIH:	No Established Limit		
		NIOSH:	No Established Limit No Established Limit		
		Supplier: OHSA, CAN:	No Established Limit No Established Limit		
0064742-95-6	Petroleum naphtha	Mexico:	No Established Limit No Established Limit		
	1.0 – 10% by Weight	Brazil:	No Established Limit		
		Source	Health Data		
		NIOSH:	No Established Limit		
		Source	Carcinogen Data		
		OSHA:	Select Carcinogen: No		
		NTP:	Known Carcinogen: No; Suspected Carcinogen: No		
		IARC:	Group 1: No; Group 2A: No;		
		IANO.	Group 2b: No; Group 3: No; Group 4: No		
CAS No.	Ingredient Name & %	Source	Exposure Data		
0/10/10.	ingredient Name a 75	OSHA:	No Established Limit		
		ACGIH:	No Established Limit		
		NIOSH:	No Established Limit		
		Supplier:	No Established Limit		
	PHENOL, ISOPROPYLATED,	OHSA, CAN:	No Established Limit		
0068937-41-7	PHOSPHATE (3:1)	Mexico:	No Established Limit		
	1.0 – 10% by Weight	Brazil:	No Established Limit		
		Source	Health Data		
		NIOSH:	No Established Limit		
		Source	Carcinogen Data		
		OSHA:	Select Carcinogen: No		
		NTP:	Known Carcinogen: No; Suspected Carcinogen: No		
		IARC:	Group 1: No; Group 2A: No; Group 2b: No; Group 3: No; Group 4: No		
CAS No.	Ingredient Name & %	Source	Exposure Data		
14807–96–6*	Talc (*non-asbestiform)	OSHA:	No Established Limit		
	1.0 – 10% by Weight	ACGIH:	No Established Limit		
		NIOSH:	No Established Limit		
		Supplier:	No Established Limit		
		OHSA, CAN:	No Established Limit		
		Mexico:	No Established Limit		
		Brazil:	No Established Limit		
		Source	Health Data		
		NIOSH:	No Established Limit		
		Source	Carcinogen Data		
		OSHA:	Select Carcinogen: No		
		NTP:	Known Carcinogen: No; Suspected Carcinogen: No		
		IARC:			

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Group 1: No; Group 2A: No;

Group 2b: No; Group 3: No; Group 4: No

3. HAZARD IDENTIFICATION

NOTICE: Reports have associated repeated and prolonged occupational overexposure to solvents with permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling the contents may be

harmful or fatal. Avoid contact with eyes, skin and clothing.

Inhalation: Harmful if inhaled. Causes nose and throat irritation. Vapors may affect the brain or nervous system causing dizziness,

headache or nausea.

Eyes: Causes severe eye irritation. Avoid contact with eyes.

Skin: Causes skin irritation. May cause allergic skin reaction. May be harmful if absorbed through the skin.

Ingestion: Harmful if swallowed. May cause abdominal pain, nausea, vomiting, diarrhea, or drowsiness. Can result in irritation of

the mouth, stomach tissue and digestive tract.

Chronic Effects:

Possible cancer hazard. Contains an ingredient which may cause cancer based on animal data (See Section 2 and

Section 15 for each ingredient). Risk of cancer depends on duration and level of exposure.

HMIS Rating: Health: 2* Flammability: 3 Reactivity: 0

4. FIRST AID MEASURES

General: Remove contaminated clothing and shoes. Get medical attention immediately. Wash clothing before reuse. Thoroughly

clean or destroy contaminated shoes.

Inhalation: If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get

medical attention immediately.

Eyes: In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention

immediately.

Skin: In case of contact, immediately flush skin with soap and plenty of water. Get medical attention immediately.

Ingestion: If swallowed, immediately contact Poison Control Center at 1–800–854–6813. DO NOT induce vomiting unless instructed to do so by medical personnel. Never give anything by mouth to an unconscious person.

5. PROTECTIVE EQUIPMENT AND CONTROL MEASURES

Select equipment to provide protection from the ingredients listed in Section 2 of this document. Ensure fresh air entry during application and drying. If you experience eye watering, headache or dizziness or if air monitoring demonstrates

dust, vapor, or mist levels are above applicable limits, wear an appropriate, properly fitted respirator (NIOSH approved) during and after application. Follow respirator manufacturer's directions for respirator use. FOR USERS OF 3M RESPIRATORY PROTECTION ONLY: For information and assistance on 3M occupational health and safety products,

call OH&ESD Technical Service toll free in U.S.A. 1–800–243–4630, in Canada call 1–800–267–4414. Please do not contact these numbers regarding other manufacturer's respiratory protection products. 3M does not endorse the

accuracy of the information contained in this Material Safety Data Sheet.

Avoid contact with eyes. Protective equipment should be selected to provide protection from exposure to the chemicals

listed in Section 2 of this document. Depending on the site-specific conditions of use, safety glasses, chemical goggles, and/or head and face protection may be required to prevent contact. The equipment must be thoroughly

cleaned, or discarded after each use.

Protective equipment should be selected to provide protection from exposure to the chemicals listed in Section 2 of this Skin/Hand: document. Depending on the site–specific conditions of use, protective gloves, apron, boots, head and face protection

may be required to prevent contact. The equipment must be thoroughly cleaned, or discarded after each use.

Engineering Controls: Prevent build-up of vapors by opening all windows and doors to achieve cross-ventilation.

Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential

Other Work Practices: exposure. Use good personal hygiene practices. Wash hands before eating, drinking, using toilet facilities, etc.

Promptly remove soiled clothing and wash clothing thoroughly before reuse. Shower after work using plenty of soap

and water.

6. FIRE AND EXPLOSION INFORMATION

Flash Point: F: 80 C: 27

Respiratory:

Eyes:

Lower Explosive Limit (LEL): 1 (%

1 (%vol in air) at Normal Atmospheric Temp and Pressure

Fire and Explosion Hazards: Flammable liquid and vapor. FLAMMABLE/COMBUSTIBL

Flammable liquid and vapor. FLAMMABLE/COMBUSTIBLE MATERIALS: Will be easily ignited by heat, sparks or flames. Vapors may form explosive mixtures with air. Vapors may travel to source of ignition and flash back. Most vapors are heavier than air. They will spread along ground and collect in low or confined

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areas (s	ewers, basements,	tanks) creating a va	apor explosion hazard	d. Runoff to sewers may	create fire or
explosio	n hazard. Containe	rs may explode whe	en heated		

Fire Fighting Procedures:

Also Reference Emergency Response Guide Number: Not Determined

PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Liquid Red

pH: No Established Limit

Specific Gravity: 1.788476 Boiling Point (F): 279

Vapor Density: Heavier than air

VOC Content (lbs): Refer to the Technical Data Sheet for this product.

Evaporation Rate: Slower than ether VOHAP content (gm/litre of paint):153.63 (as supplied) VOHAP content (gm/litre of Solid

Coating):

276.72 (as supplied)

8. STABILITY AND REACTIVITY DATA

This product is stable and hazardous polymerization will not occur. Not sensitive to mechanical impact. Excessive General:

heat and fumes generation can occur if improperly handled.

Incompatible Materials: Strong oxidizing agents.

May produce hazardous fumes when heated to decomposition as in welding. Fumes may produce Carbon Hazardous Decompostion:

Dioxide and Carbon Monoxide.

HANDLING AND STORAGE 9.

Storage Temperature: Store between 40-100F (4-38C).

Handling and Storage Precautions:

Keep away from heat, sparks and flame. Do not smoke. Extinguish all flames and pilot lights, and turn off stoves, heaters, electric motors and other sources of ignition during use and until all vapors are gone. Vapors may cause flash fire or ignite explosively. Prevent build-up of vapors by opening all windows and doors to achieve cross-ventilation. Avoid contact with eyes and clothing. Avoid prolonged or repeated contact with skin. Close container after each use. Wash thoroughly after handling.

TOXICOLOGICAL DATA 10.

General:

NOTICE: Reports have associated repeated and prolonged occupational overexposure to solvents with permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal. No additional information provided for this product. See Section 2 for chemical specific data.

ECOLOGICAL DATA 11.

General: Not Defined No additional information provided for this product. See Section 2 for chemical specific data.

12. ACCIDENTAL RELEASE MEASURES

ELIMINATE ALL IGNITION SOURCES (no smoking, flares, sparks or flames in immediate area). Use only non-sparking equipment to handle spilled material and absorbent. Do not touch or walk through spilled material.

Spill Response Procedures: Stop leak if you can do so without risk. Prevent entry into waterways, sewers, basements or confined areas. A vapor suppressing foam may be used to reduce vapors. Absorb or cover with dry earth, sand, or other

non-combustible material and transfer to containers. Use non-sparking tools to collect absorbed material.

Public Safety: CALL CHEMTREC at (800)-424-9300 for emergency response. Isolate spill or leak area immediately for at least 25 to 50 meters (80 to 160 feet) in all directions. Keep unauthorized personnel away. Stay upwind. Keep out of low areas. Ventilate closed spaces before entering. LARGE SPILLS: Consider initial downwind evacuation for at

least 300 meters (1000 feet). Also, Reference Emergency Response Guide Number: Not Determined

DISPOSAL CONSIDERATION 13.

Dispose of in accordance with local, state and federal regulations. (Also reference RCRA information in Section Waste Disposal: 15 if listed).

TRANSPORTATION INFORMATION 14.

DOT (Domestic Surface Transportation)		IMO / IMDG (Ocean Transportation)		
DOT Proper Shipping Name:		IMDG Proper Shipping Name:		
CONSUMER COMMODITY, OI	RM-D	Paint		
DOT Hazard Class:	NR	IMDG Hazard Class:	Flammable Liquid, 3	
UN / NA Number:	Not Regulated	UN Number:	UN 1263	
DOT Packing Group:	Not Regulated	IMDG Packing Group:	III	
CERCLA/DOT RQ:	103 gal. / 1528 lbs.	System Reference Code	e: 181	

REGULATORY INFORMATION 15.

Regulatory Overview:	The regulatory data in Section 15 is not intended to be all–inclusive, only selected regulations are represented. All ingredients of this product are listed on the TSCA (Toxic Substance Control Act) Inventory or are not required to be listed on the TSCA Inventory. Note: Any chemical ingredients listed in Section 15, that do not also appear in Section 2, are contained in the product at a concentration below the applicable OSHA threshold level of 1% or 0.1%.
WHMIS Classification:	No Established Limit
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Regulatory List Product Ingredients on List

DOT Marine Pollutants (10%): (No Product Ingredients Listed)

DOT Severe Marine Pollutants (1%):

(No Product Ingredients Listed)

EPCRA 311/312 Chemicals and

RQs (>.1%):

Copper: 5000 lb final RQ (no reporting of releases of this 0007440-50-8 hazardous substance is required if the diame 0000098-82-8 Cumene: 5000 lb final RQ; 2270 kg final RQ

0000100-41-4 Benzene, ethyl-: 1000 lb final RQ; 454 kg final RQ 0001330-20-7 Xylenes (o-, m-, p- isomers): 100 lb final RQ; 45.4 kg final RQ

EPCRA 302 Extremely Hazardous (>.1%):

(No Product Ingredients

Listed)

EPCRA 313 Toxic Chemicals

(>.1%):

0000095-63-6 1,2,4-Trimethyl benzene

0007440-50-8 Copper 0000098-82-8 Cumene 0000100-41-4 Benzene, ethyl-

0001330-20-7 Xylenes (o-, m-, p- isomers)

Mass RTK Substances (>1%):

0000095-63-6 1,2,4-Trimethyl benzene 0000100-41-4 Benzene, ethyl-0001309-37-1 Iron oxide

1,3,5-Trimethylbenzene 0000108-67-8 Xylenes (o-, m-, p- isomers) 0001330-20-7

0001314-13-2 Zinc oxide

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Mass Extraordinarily Haz Sub
(>.01%):
  0014808-60-7
                              Quartz
Penn RTK Substances (>1%):
  0000095-63-6
                              1,2,4-Trimethyl benzene
  0000100-41-4
                              Benzene, ethyl-
  0001309-37-1
                              Iron oxide
  0001330-20-7
                              Xylenes (o-, m-, p- isomers)
  0001314-13-2
                              Zinc oxide
Penn Special Hazardous
Substances (>.01%):
     (No Product Ingredients
Listed)
Rhode Island Hazardous
Substances (>.1%):
  0007440-50-8
                              Copper
  0000098-82-8
                              Cumene
                              Benzene, ethyl-
  0000100-41-4
  0001309-37-1
                              Iron oxide
  0008052-41-3
                              Stoddard solvent
  0001330-20-7
                              Xylenes (o-, m-, p- isomers)
  0001314-13-2
                              Zinc oxide
RCRA Status (%):
  0007440-43-9
                              Cadmium: .00068
  0007439-92-1
                              Lead: .0081
N.J. RTK Substances (>1%):
                              1,2,4-Trimethyl benzene
  0000095-63-6
  0000100-41-4
                              Benzene, ethyl-
  0001309-37-1
                              Iron oxide
  0001330-20-7
                              Xylenes (o-, m-, p- isomers)
  0001314-13-2
                              Zinc oxide
N.J. Special Hazardous
Substances (>.01%):
  0010043-01-3
                              Aluminum sulfate
  0000111-76-2
                              2-Butoxyethanol
  0000098-82-8
                              Cumene
  0000100-41-4
                              Benzene, ethyl-
  0014808-60-7
                              Quartz
  0001330-20-7
                              Xylenes (o-, m-, p- isomers)
N.J. Env. Hazardous Substances
(>.1%):
  0000095-63-6
                              1,2,4-Trimethyl benzene
  0007440-50-8
                              Copper
  0000098-82-8
                              Cumene
  0000100-41-4
                              Benzene, ethyl-
  0001330-20-7
                              Xylenes (o-, m-, p- isomers)
Proposition 65 - Carcinogens
(>0%):
                              Cadmium
  0007440-43-9
  0000098-82-8
                              Cumene
  0000100-41-4
                              Benzene, ethyl-
  0007439-92-1
                              Lead
  0014808-60-7
                              Quartz
Proposition 65 - Female Repro
Toxins (>0%):
  0007439-92-1
  0000108-88-3
                              Benzene, methyl-
Proposition 65 - Male Repro
Toxins (>0%):
  0007440-43-9
                              Cadmium
  0007439-92-1
                              Lead
Proposition 65 - Developmental
Toxins (>0%):
  0007440-43-9
                              Cadmium
  0007439-92-1
                              Lead
  0000108-88-3
                              Benzene, methyl-
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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 advice given are subject to our standard terms and conditions of sale. You should request a copy of this document and review it carefully. The information contained in this data sheet is subject to modification from time to time in the light of experience and our policy of continuous development. It is the user's responsibility to verify that this data sheet is current prior to using the product.

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