## MATERIAL SAFETY DATA SHEET

## D8003 AWL-QUIK



Akzo Nobel Coatings International Paint LLC 2270 Morris Avenue P. O. Box 386 Union, NJ 07083 Sales Order: {SalesOrd}
MSDS Revision No: E3 –7

09/10/2012

# 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: D8003 AWL-QUIK

Bulk Sales Reference No: OD8003

**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:	400 ppm TWA; 980 mg/m3 TWA500 ppm STEL; 1225 mg/m3 STEL
		ACGIH:	200 ppm TWA400 ppm STEL
		NIOSH:	400 ppm TWA; 980 mg/m3 TWA500 ppm STEL; 1225 mg/m3 STEL2000 ppm IDLH (10% LEL)
		Supplier:	No Established Limit
		OHSA, CAN:	200 ppm TWA400 ppm STEL
0000067–63–0	Isopropyl alcohol 1.0 – 10% by Weight	Mexico:	400 ppm TWA; 980 mg/m3 TWA500 ppm STEL; 1225 mg/m3 STEL
		Brazil:	310 ppm TWA; 765 mg/m3 TWA
		Source	Health Data
		NIOSH:	Mucous membrane irritation; possible carcinogenic effects
		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: Yes; Group 4: No
			Group 2b. No., Group 3. Fes., Group 4. No
CAS No.	Ingredient Name & %	Source	Exposure Data
CAS No.	Ingredient Name & %	Source OSHA:	<u> </u>
CAS No.	Ingredient Name & %		Exposure Data 100 ppm TWA; 300 mg/m3 TWA50 ppm Ceiling; 150 mg/m3
CAS No.	Ingredient Name & %	OSHA:	Exposure Data 100 ppm TWA; 300 mg/m3 TWA50 ppm Ceiling; 150 mg/m3 Ceiling
CAS No.	Ingredient Name & %	OSHA: ACGIH:	Exposure Data 100 ppm TWA; 300 mg/m3 TWA50 ppm Ceiling; 150 mg/m3 Ceiling 20 ppm TWA
CAS No.		OSHA: ACGIH: NIOSH:	Exposure Data 100 ppm TWA; 300 mg/m3 TWA50 ppm Ceiling; 150 mg/m3 Ceiling 20 ppm TWA 50 ppm Ceiling; 150 mg/m3 Ceiling1400 ppm IDLH (10% LEL) No Established Limit 20 ppm TWA
CAS No. 0000071-36-3	Butanol	OSHA: ACGIH: NIOSH: Supplier:	Exposure Data  100 ppm TWA; 300 mg/m3 TWA50 ppm Ceiling; 150 mg/m3 Ceiling 20 ppm TWA 50 ppm Ceiling; 150 mg/m3 Ceiling1400 ppm IDLH (10% LEL) No Established Limit 20 ppm TWA No Established Limit
		OSHA: ACGIH: NIOSH: Supplier: OHSA, CAN:	Exposure Data  100 ppm TWA; 300 mg/m3 TWA50 ppm Ceiling; 150 mg/m3 Ceiling 20 ppm TWA  50 ppm Ceiling; 150 mg/m3 Ceiling1400 ppm IDLH (10% LEL) No Established Limit 20 ppm TWA No Established Limit No Established Limit
	Butanol	OSHA: ACGIH: NIOSH: Supplier: OHSA, CAN: Mexico:	Exposure Data  100 ppm TWA; 300 mg/m3 TWA50 ppm Ceiling; 150 mg/m3 Ceiling 20 ppm TWA 50 ppm Ceiling; 150 mg/m3 Ceiling1400 ppm IDLH (10% LEL) No Established Limit 20 ppm TWA No Established Limit
	Butanol	OSHA: ACGIH: NIOSH: Supplier: OHSA, CAN: Mexico: Brazil:	Exposure Data  100 ppm TWA; 300 mg/m3 TWA50 ppm Ceiling; 150 mg/m3 Ceiling 20 ppm TWA  50 ppm Ceiling; 150 mg/m3 Ceiling1400 ppm IDLH (10% LEL) No Established Limit 20 ppm TWA No Established Limit No Established Limit
	Butanol	OSHA:  ACGIH: NIOSH: Supplier: OHSA, CAN: Mexico: Brazil: Source	Exposure Data  100 ppm TWA; 300 mg/m3 TWA50 ppm Ceiling; 150 mg/m3 Ceiling 20 ppm TWA  50 ppm Ceiling; 150 mg/m3 Ceiling1400 ppm IDLH (10% LEL) No Established Limit 20 ppm TWA No Established Limit No Established Limit Health Data
	Butanol	OSHA: ACGIH: NIOSH: Supplier: OHSA, CAN: Mexico: Brazil: Source NIOSH:	Exposure Data  100 ppm TWA; 300 mg/m3 TWA50 ppm Ceiling; 150 mg/m3 Ceiling 20 ppm TWA 50 ppm Ceiling; 150 mg/m3 Ceiling1400 ppm IDLH (10% LEL) No Established Limit 20 ppm TWA No Established Limit No Established Limit Health Data Eye and mucous membrane irritation CNS depression
	Butanol	OSHA: ACGIH: NIOSH: Supplier: OHSA, CAN: Mexico: Brazil: Source NIOSH: Source	Exposure Data  100 ppm TWA; 300 mg/m3 TWA50 ppm Ceiling; 150 mg/m3 Ceiling 20 ppm TWA 50 ppm Ceiling; 150 mg/m3 Ceiling1400 ppm IDLH (10% LEL) No Established Limit 20 ppm TWA No Established Limit No Established Limit Health Data Eye and mucous membrane irritation CNS depression Carcinogen Data

	IARC:	Group 1: No; Group 2A: No; Group 2b: No; Group 3: No; Group 4: No
Ingredient Name & %	Source	Exposure Data
	OSHA:	200 ppm TWA; 590 mg/m3 TWA300 ppm STEL; 885 mg/m3
	ACGIH:	STEL 200 ppm TWA300 ppm STEL
		200 ppm TWA; 590 mg/m3 TWA300 ppm STEL; 885 mg/m3
	NIOSH:	STEL3000 ppm IDLH
	Supplier:	No Established Limit
Dutanana	OHSA, CAN:	200 ppm TWA300 ppm STEL
	Mexico:	200 ppm TWA; 590 mg/m3 TWA300 ppm STEL; 885 mg/m3 STEL
1.0 1070 by Worght	Brazil:	155 ppm TWA; 460 mg/m3 TWA
		Health Data
		Irritation; liver kidney
		Carcinogen Data
		Select Carcinogen: No
	NIP:	Known Carcinogen: No; Suspected Carcinogen: No
	IARC:	Group 1: No; Group 2A: No; Group 2b: No; Group 3: No; Group 4: No
Ingredient Name & %	Source	Exposure Data
	OSHA:	50 ppm TWA; 290 mg/m3 TWA
	ACGIH:	25 ppm TWA
	NIOSH:	25 ppm TWA; 150 mg/m3 TWA500 ppm IDLH
	Supplier:	No Established Limit
5	OHSA, CAN:	25 ppm TWA
,	Mexico:	25 ppm TWA; 145 mg/m3 TWA
1.0 - 10 % by Weight	Brazil:	No Established Limit
	Source	Health Data
	NIOSH:	Irritation; liver kidney
	Source	Carcinogen Data
	OSHA:	Select Carcinogen: No
	NTP:	Known Carcinogen: No; Suspected Carcinogen: No
		Group 1: No; Group 2A: No;
	IARC:	Group 2b: No; Group 3: No; Group 4: No
Ingredient Name & %	Source	Exposure Data
	OSHA:	200 ppm TWA150 ppm STEL; 560 mg/m3 STEL
	ACGIH:	20 ppm TWA
	NIOSH:	100 ppm TWA; 375 mg/m3 TWA150 ppm STEL; 560 mg/m3 STEL500 ppm IDLH
	Supplier:	No Established Limit
		20 ppm TWA
		50 ppm TWA; 188 mg/m3 TWA
1.0 – 10% by Weignt		78 ppm TWA; 290 mg/m3 TWA
		Health Data
		Central nervous system depressant
		Carcinogen Data
		Select Carcinogen: No
		,
	NTP:	Known Carcinogen: No; Suspected Carcinogen: No
	IARC:	Group 1: No; Group 2A: No; Group 2b: No; Group 3: Yes; Group 4: No
Ingredient Name & %	IARC:	
	Butanone 1.0 – 10% by Weight  Ingredient Name & %  Diisobutylketone 1.0 – 10% by Weight	Ingredient Name & %  Source OSHA: ACGIH: NIOSH: Supplier: OHSA, CAN: Mexico: Brazil: Source NIOSH: Source OSHA: NTP: IARC:  Ingredient Name & %  Source OSHA: ACGIH: NIOSH: Supplier: OHSA, CAN: Mexico: Brazil: Source OSHA: NTP: IARC:  Ingredient Name & %  Source OSHA: NIOSH: Supplier: OHSA, CAN: Mexico: Brazil: Source NIOSH: Source OSHA: NTP: IARC:  Ingredient Name & %  Source OSHA: NTP: IARC:  Ingredient Name & %  Source OSHA: NTP: IARC:  Ingredient Name & %  Source OSHA: NTP: IARC:

ACGIH: NIOSH: 10 mg/m3 TWA (total dust); 5 mg/m3 TWA (respirable dust)   No Established Limit   No Established L	NIOSH:   150 ppm TWA; 710 mg/m3 TWA200 ppm STEL; 950 mg/m3 STEL, 1709 m IDLH (10% EL)   No Established Limit   NIVA200 ppm STEL; 950 mg/m3 STEL, 1709 pm IDLH (10% EL)   No Established Limit   NIVA200 ppm STEL; 950 mg/m3 STEL   150 ppm TWA200 ppm STEL; 950 mg/m3 STEL   No Established Limit   NIOSH:   No Established Limit   NIOSH:   N				
Supplier	Supplier			ACGIH:	150 ppm TWA200 ppm STEL
Supplier: No Established Limit	Supplier			NIOSH:	
OHSA, CAN:	OHSA_CAN:   Mexico:   STEL   Mexico:				
Mexico:	Mexico:				No Established Limit
Brazil:	Brazil: No Established Limit   Health Data			OHSA, CAN:	
Source	Source NIOSH: Source OSHA: Select Carcinogen: No; Suspected Carcinogen: No Ingredient Name & %  Source OSHA: Select Carcinogen: No; Suspected Carcinogen: No Group 1: No; Group 2: No; Group 4: No Select Carcinogen: No; Suspected Carcinogen: No Group 2: No; Group 3: No; Group 4: No Select Carcinogen: No; Suspected Carcinogen: No Group 2: No; Group 3: No; Group 4: No Select Carcinogen: No; Market No Select Carcinogen: No; Market No; Select Carcinogen: No; Suspected Carcinogen: No Group 1: No; Group 2: No; Group 3: No; Group 4: No Select Carcinogen: No No; Group 2: No; Group 3: No; Group 4: No Select Carcinogen: No No; Group 3: No; Group 4: No			Mexico:	STEL
NIOSH:	NIOSH:   Mucous membrane and eye irritation: high concentrations cause nervous system effects in animals cause cau			Brazil:	No Established Limit
Source	Source			Source	Health Data
OSHA:   Select Carcinogen: No   NTP:   Known Carcinogen: No   Suspected Carcinogen: No   Group 1: No; Group 24: No; Group 24: No; Group 25: No; Group 26:	OSHA:   Select Carcinogen: No   NTP:   Known Carcinogen: No   Suspected Carcinogen: No   Group 1: No; Group 2A: No; Group 4: No   Group 1: No; Group 2A: No; Group 4: No			NIOSH:	
NTP:	NTP:   Known Carcinogen: No; Suspected Carcinogen: No   Group 1: No; Group 2A: No; Group 4: No   Group 5: No; Group 4: No   Group 4: No   Group 5: No; Group 4: No   Group 4: No   Group 5: No; Group 4: No   Group 5: No; Group 5: No; Group 4: No   Group 5: No; Group 5: No; Group 6: No			Source	Carcinogen Data
IARC:   Group 1: No;   Group 24: No;   Group 24: No;   Group 24: No   Group 25: No;   Group 3: No;   Group 4: No   Group 25: No;   Group 24: No   Group 25: No;   Group 25: No;   Group 24: No   Group 25: No;   Group 3: No;   Gr	ARC:   Group 1: No:   Group 2: No;   Group 4: No			OSHA:	Select Carcinogen: No
CAS No. Ingredient Name 8 % Source Exposure Data  OSHA: 15 mg/m3 TWA (total dust); 5 mg/m3 TWA (respirable fraction No Established Limit NiOSH: 10 mg/m3 TWA (total dust); 5 mg/m3 TWA (respirable fraction No Established Limit NiOSH: 10 mg/m3 TWA (total dust); 5 mg/m3 TWA (respirable dust) No Established Limit No Established	Ingredient Name & %   Source			NTP:	Known Carcinogen: No; Suspected Carcinogen: No
Ingredient Name & %   Source				IARC:	
OSHA:	OSHA:   15 mg/m3 TWA (total dust); 5 mg/m3 TWA (respirable fraction   ACGIH: No Established Limit   10 mg/m3 TWA (total dust); 5 mg/m3 TWA (respirable dust)   No Established Limit   10 mg/m3 TWA (total dust); 5 mg/m3 TWA (respirable dust)   No Established Limit   Health Data   Health Data   No Established Limit   No Established Limit   Health Data   No Established Limit   No Established Limit   Health Data   No Established Limit				Group 25.110, Group 6.110, Group 4.110
ACGIH: NIOSH: 10 mg/m3 TWA (total dust); 5 mg/m3 TWA (respirable dust)	ACGIH:   NIOSH:   10 mg/m3 TWA (total dust); 5 mg/m3 TWA (respirable dust)	CAS No.	Ingredient Name & %		Exposure Data
NIOSH: Supplier: No Established Limit	NIOSH:   Supplier:   No Established Limit			OSHA:	15 mg/m3 TWA (total dust); 5 mg/m3 TWA (respirable fraction)
Description	Department   Dep			ACGIH:	No Established Limit
Description	Description			NIOSH:	10 mg/m3 TWA (total dust); 5 mg/m3 TWA (respirable dust)
Limestone   10 - 25% by Weight   Mexico: Brazil:   No Established Limit   Source   Health Data   NiCSH: Eye and skin irritation Physical irritation   Carcinogen Data   Select Carcinogen: No   NTP: Known Carcinogen: No; Suspected Carcinogen: No   Group 1: No; Group 24: No; Group 4: No   Group 25: No; Group 4: No   Group 25: No; Group 4: No   Group 4	Limestone			Supplier:	No Established Limit
Limestone   10 - 25% by Weight   Mexico: Brazil:   No Established Limit   Source   Health Data   NiCSH: Eye and skin irritation Physical irritation   Carcinogen Data   Select Carcinogen: No   NTP: Known Carcinogen: No; Suspected Carcinogen: No   Group 1: No; Group 24: No; Group 4: No   Group 25: No; Group 4: No   Group 25: No; Group 4: No   Group 4	Limestone			OHSA, CAN:	No Established Limit
Brazil:   No Established Limit   Source   Health Data   NIOSH:   Eye and skin irritation Physical irritation   Source   Carcinogen Data   OSHA:   Select Carcinogen: No   Known Carcinogen: No; Suspected Carcinogen: No   IARC:   Group 1: No; Group 24: No; Group 4: No   Group 1: No; Group 3: No; Group 4: No   Group 1: No; Group 3: No; Group 4: No   Group 2b: No; Group 3: No; Group 4: No   Group 2b: No; Group 3: No; Group 4: No   Source   Exposure Data   100 ppm TWA; 435 mg/m3 TWA150 ppm STEL; 655 mg/m3   STEL   100 ppm TWA150 ppm STEL; 655 mg/m3   STEL   100 ppm TWA150 ppm STEL   Mostablished Limit   No Established Limit   No Establishe	Brazil:   No Established Limit	0001317-65-3			10 mg/m3 TWA20 mg/m3 STFI
Source   Health Data	Source		10 – 25% by Weight		-
NIOSH:   Eye and skin irritation Physical irritation	NIOSH:   Eye and skin irritation Physical irritation				
Source	Source				
OSHA:   Select Carcinogen: No     NTP:	OSHA: Select Carcinogen: No NTP: Known Carcinogen: No Group 2h: No; Group 2h: No  Ingredient Name & % Source Exposure Data  OSHA: 100 ppm TWA; 435 mg/m3 TWA150 ppm STEL; 655 mg/m3 STEL  ACGIH: 100 ppm TWA150 ppm STEL  NO Established Limit  OHSA, CAN: 100 ppm TWA; 35 mg/m3 TWA150 ppm STEL; 655 mg/m3 STEL  100 ppm TWA; 435 mg/m3 TWA150 ppm STEL  NO Established Limit  OHSA, CAN: 100 ppm TWA; 435 mg/m3 TWA150 ppm STEL; 655 mg/m3 STEL  Brazil: 78 ppm TWA; 340 mg/m3 TWA  Source NIOSH: Central nervous system depressant; respiratory and eye irritation  Source OSHA: Select Carcinogen: No  NTP: Known Carcinogen: No  Source Central nervous system depressant; respiratory and eye irritation  Carcinogen: No; Suspected Carcinogen: No  Group 1: No; Group 2h: No;  Group 2b: No; Group 3: Yes; Group 4: No  CAS No. Ingredient Name & % Source Exposure Data  OSHA: 15 mg/m3 TWA (total dust); 5 mg/m3 TWA (respirable fraction 2 mg/m3 TWA (total dust); 5 mg/m3 TWA (respirable dust)  NO Established Limit  OHSA, CAN: 2 mg/m3 TWA (containing no Asbestos and Mayion: 10 mg/m3 TWA)				·
NTP:	NTP:				
IARC:   Group 1: No; Group 2A: No; Group 4: No	CAS No.   Ingredient Name & %   Source   Exposure Data			OSHA:	Select Carcinogen: No
Ingredient Name & %   Source   Exposure Data	CAS No.   Ingredient Name & %   Source   Exposure Data			NTP:	Known Carcinogen: No; Suspected Carcinogen: No
OSHA:  ACGIH: NIOSH: NO Established Limit Supplier: No Established Limit OHSA, CAN: 100 ppm TWA150 ppm STEL NOEstablished Limit No Established Limit OHSA, CAN: 100 ppm TWA150 ppm STEL NOEstablished Limit OHSA, CAN: 100 ppm TWA150 ppm STEL 100 ppm TWA; 435 mg/m3 TWA150 ppm STEL; 655 mg/m3 STEL Brazil: 78 ppm TWA; 340 mg/m3 TWA Source Health Data Central nervous system depressant; respiratory and eye irritation Source OSHA: Select Carcinogen: No NTP: Known Carcinogen: No; Suspected Carcinogen: No IARC: Group 1: No; Group 2A: No; Group 2b: No; Group 3: Yes; Group 4: No  CAS No.  Ingredient Name & % Source OSHA: ACGIH: 2 mg/m3 TWA (total dust); 5 mg/m3 TWA (respirable fraction NIOSH: NIOSH: Supplier: OHSA, CAN: 2 mg/m3 TWA (containing no Asbestos and	OSHA:  ACGIH: NIOSH: NO Established Limit			IARC:	
OSHA:  ACGIH: NIOSH: NO Established Limit No Established Limit OHSA, CAN: 100 ppm TWA150 ppm STEL NO Established Limit No Established Limit OHSA, CAN: 100 ppm TWA150 ppm STEL NO Established Limit OHSA, CAN: 100 ppm TWA150 ppm STEL 100 ppm TWA; 435 mg/m3 TWA150 ppm STEL; 655 mg/m3 STEL STEL 100 ppm TWA; 435 mg/m3 TWA150 ppm STEL; 655 mg/m3 STEL 100 ppm TWA; 435 mg/m3 TWA150 ppm STEL; 655 mg/m3 STEL 100 ppm TWA; 435 mg/m3 TWA150 ppm STEL; 655 mg/m3 STEL 100 ppm TWA; 435 mg/m3 TWA 5 Central nervous system depressant; respiratory and eye irritation Source OSHA: Select Carcinogen: No NTP: Known Carcinogen: No; Suspected Carcinogen: No Group 1: No; Group 2A: No; Group 2b: No; Group 3: Yes; Group 4: No  CAS No.  Ingredient Name & % Source Suprour Data OSHA: 15 mg/m3 TWA (total dust); 5 mg/m3 TWA (respirable fraction ACGIH: 2 mg/m3 TWA (total dust); 5 mg/m3 TWA (respirable dust) No Established Limit OHSA, CAN: 2 mg/m3 TWA (containing no Asbestos and	OSHA:  ACGIH: NIOSH: NO Established Limit	CAS No	Ingredient Name & %	Source	Exposure Data
OSFIA:  ACGIH: NIOSH: NIOSH: No Established Limit	OSHA:  ACGIH: NIOSH: NO Established Limit	C/10 110.	ingredient Name a 75		·
NIOSH: No Established Limit Supplier: OHSA, CAN: 100 ppm TWA150 ppm STEL 100 ppm TWA; 435 mg/m3 TWA150 ppm STEL; 655 mg/m3 STEL 100 ppm TWA; 340 mg/m3 TWA Source Health Data NIOSH: Central nervous system depressant; respiratory and eye irritation Source OSHA: Select Carcinogen: No NTP: Known Carcinogen: No; Suspected Carcinogen: No NTP: Known Carcinogen: No; Suspected Carcinogen: No Group 1: No; Group 2A: No; Group 2b: No; Group 3: Yes; Group 4: No  CAS No.  Ingredient Name & % Source Exposure Data OSHA: 15 mg/m3 TWA (total dust); 5 mg/m3 TWA (respirable fraction 2 mg/m3 TWA (particulate matter containing no asbestos and 10 mg/m3 TWA (total dust); 5 mg/m3 TWA (respirable dust) No Established Limit OHSA, CAN: 2 mg/m3 TWA (containing no Asbestos and	NIOSH: No Established Limit Supplier: OHSA, CAN: 100 ppm TWA150 ppm STEL 100 ppm TWA; 435 mg/m3 TWA150 ppm STEL; 655 mg/m3 STEL 100 ppm TWA; 435 mg/m3 TWA150 ppm STEL; 655 mg/m3 STEL 100 ppm TWA; 435 mg/m3 TWA150 ppm STEL; 655 mg/m3 STEL 100 ppm TWA; 435 mg/m3 TWA150 ppm STEL; 655 mg/m3 STEL 100 ppm TWA; 435 mg/m3 TWA Source			OSHA:	
Supplier: OHSA, CAN: OHSA, CAN: 100 pm TWA150 pm STEL 100 pm TWA; 435 mg/m3 TWA150 ppm STEL; 655 mg/m3 STEL 78 ppm TWA; 340 mg/m3 TWA Source NIOSH: OSHA: Select Carcinogen: No; IARC: Group 1: No; Group 2b: No; Group 3: Yes; Group 4: No  CAS No.  Ingredient Name & %  Supplier: OHSA, CAN:  No Established Limit 100 ppm TWA; 435 mg/m3 TWA150 ppm STEL; 655 mg/m3 STEL 100 ppm TWA; 340 mg/m3 TWA Central nervous system depressant; respiratory and eye irritation Carcinogen Data Select Carcinogen: No; Known Carcinogen: No; Group 1: No; Group 2b: No; Group 3: Yes; Group 4: No  CAS No.  Ingredient Name & %  Source Supplier: OSHA: ACGIH: ACGIH: Supplier: OHSA, CAN: OHSA, CAN:  No Established Limit 100 ppm TWA150 ppm STEL 100 ppm TWA; 435 mg/m3 TWA (respirable fraction 2 mg/m3 TWA (total dust); 5 mg/m3 TWA (respirable dust) No Established Limit 2 mg/m3 TWA (containing no Asbestos and	Supplier:			ACGIH:	100 ppm TWA150 ppm STEL
OHSA, CAN:    100 ppm TWA150 ppm STEL	OHSA, CAN:    100 ppm TWA150 ppm STEL   100 ppm TWA150 ppm STEL   100 ppm TWA; 435 mg/m3 TWA150 ppm STEL; 655 mg/m3 STEL   100 ppm TWA; 435 mg/m3 TWA150 ppm STEL; 655 mg/m3 STEL   100 ppm TWA; 435 mg/m3 TWA   100 ppm TWA150 ppm STEL   100 ppm TWA; 435 mg/m3 TWA   100 ppm TWA150 ppm STEL   100 ppm TWA; 435 mg/m3 TWA   100 ppm TWA; 435 mg/m3 TW			NIOSH:	No Established Limit
Xylenes (o-, m-, p- isomers) 1.0 - 10% by Weight  Mexico: Brazil: Brazil: 78 ppm TWA; 435 mg/m3 TWA150 ppm STEL; 655 mg/m3 STEL 78 ppm TWA; 340 mg/m3 TWA  Central nervous system depressant; respiratory and eye irritation  Source Carcinogen Data OSHA: Select Carcinogen: No NTP: NTP: NTP: NTP: NTP: NTP: NTP: NTP:	Xylenes (o-, m-, p- isomers) 1.0 - 10% by Weight  Mexico:  Brazil:  Brazil:  NIOSH:  Source  NIOSH:  Source  OSHA:  IARC:  Carcinogen: No  Known Carcinogen: No; Suspected Carcinogen: No  Group 1: No; Group 2A: No; Group 2b: No; Group 3: Yes; Group 4: No  CAS No.  Ingredient Name & %  Source  OSHA:  Source  OSHA:  Ingredient Name & %  Source  Exposure Data  OSHA:  Ingredient Name & %  Source  Ingredient Name & %  Source  OSHA:  Ingredient Name & %  Source  OSHA:  Ingredient Name & %  Source  Ingredient Name & %  Source  Ingredient Name & %  Ingredient Name & %  Ingredient Name & %  Source  Ingredient Name & %  Ingredient Na			Supplier:	No Established Limit
Xylenes (o-, m-, p- isomers) 1.0 - 10% by Weight  Mexico: Brazil: Brazil: 78 ppm TWA; 340 mg/m3 TWA  Central nervous system depressant; respiratory and eye irritation  Source Carcinogen Data  OSHA: Select Carcinogen: No  NTP: NTP: NTP: NTP: NTP: NTP: NTP: NTP	Xylenes (o-, m-, p- isomers) 1.0 - 10% by Weight  Mexico:  Brazil:  Brazil:  NIOSH:  Source  NIOSH:  Source  OSHA:  IARC:  Carcinogen: No  Known Carcinogen: No; Suspected Carcinogen: No  Group 1: No; Group 2A: No; Group 2b: No; Group 3: Yes; Group 4: No  CAS No.  Ingredient Name & %  Source  OSHA:  Source  OSHA:  Ingredient Name & %  Source  Exposure Data  OSHA:  Ingredient Name & %  Source  Ingredient Name & %  Source  OSHA:  Ingredient Name & %  Source  OSHA:  Ingredient Name & %  Source  Ingredient Name & %  Source  Ingredient Name & %  Ingredient Name & %  Ingredient Name & %  Source  Ingredient Name & %  Ingredient Na			OHSA, CAN:	100 ppm TWA150 ppm STEL
1.0 – 10% by Weight  Brazil: 78 ppm TWA; 340 mg/m3 TWA Source Health Data  Central nervous system depressant; respiratory and eye irritation 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: Yes; Group 4: No  CAS No.  Ingredient Name & %  Source Exposure Data OSHA: 15 mg/m3 TWA (total dust); 5 mg/m3 TWA (respirable fraction ACGIH: 2 mg/m3 TWA (particulate matter containing no asbestos and NIOSH: 10 mg/m3 TWA (total dust); 5 mg/m3 TWA (respirable dust) Supplier: No Established Limit OHSA, CAN: 2 mg/m3 TWA (containing no Asbestos and	1.0 – 10% by Weight  Brazil: 78 ppm TWA; 340 mg/m3 TWA  Source Health Data  Central nervous system depressant; respiratory and eye irritation  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: Yes; Group 4: No  CAS No. Ingredient Name & %  Source Exposure Data  OSHA: 15 mg/m3 TWA (total dust); 5 mg/m3 TWA (respirable fraction and continuous		Valence (c. m. m. landama)		100 ppm TWA; 435 mg/m3 TWA150 ppm STEL; 655 mg/m3
Source Health Data  Central nervous system depressant; respiratory and eye irritation  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: Yes; Group 4: No  CAS No. Ingredient Name & % Source Exposure Data  OSHA: 15 mg/m3 TWA (total dust); 5 mg/m3 TWA (respirable fraction ACGIH: 2 mg/m3 TWA (particulate matter containing no asbestos and NIOSH: 10 mg/m3 TWA (total dust); 5 mg/m3 TWA (respirable dust)  No Established Limit  OHSA, CAN: 2 mg/m3 TWA (containing no Asbestos and	Source  NIOSH:  Source  NIOSH:  Source  Central nervous system depressant; respiratory and eye irritation  Source  OSHA:  Select Carcinogen: No  NTP:  Known Carcinogen: No; Suspected Carcinogen: No  IARC:  Group 1: No; Group 2A: No;  Group 2b: No; Group 3: Yes; Group 4: No  CAS No.  Ingredient Name & %  Source  Exposure Data  OSHA:  15 mg/m3 TWA (total dust); 5 mg/m3 TWA (respirable fraction and the state of the state	0001330-20-7		iviexico:	STEL
NIOSH:  Central nervous system depressant; respiratory and eye irritation  Source OSHA: Select Carcinogen: No NTP: Known Carcinogen: No; Suspected Carcinogen: No Group 1: No; Group 2A: No; Group 2b: No; Group 4: No  CAS No.  Ingredient Name & % Source Exposure Data OSHA: 15 mg/m3 TWA (total dust); 5 mg/m3 TWA (respirable fraction ACGIH: 2 mg/m3 TWA (particulate matter containing no asbestos and NIOSH: 10 mg/m3 TWA (total dust); 5 mg/m3 TWA (respirable dust) Supplier: No Established Limit OHSA, CAN: 2 mg/m3 TWA (containing no Asbestos and	Central nervous system depressant; respiratory and eye irritation  Source OSHA: Select Carcinogen: No NTP: Known Carcinogen: No; Suspected Carcinogen: No IARC: Group 1: No; Group 2A: No; Group 2b: No; Group 3: Yes; Group 4: No  CAS No.  Ingredient Name & % Source Exposure Data OSHA: 15 mg/m3 TWA (total dust); 5 mg/m3 TWA (respirable fraction a containing no asbestos and no major and		1.0 - 10 % by Weight	Brazil:	78 ppm TWA; 340 mg/m3 TWA
CAS No.  Ingredient Name & %  Source  OSHA:  Select Carcinogen: No  Known Carcinogen: No; Suspected Carcinogen: No  Group 1: No; Group 2A: No; Group 2b: No; Group 3: Yes; Group 4: No  Exposure Data  OSHA:  OSHA:  15 mg/m3 TWA (total dust); 5 mg/m3 TWA (respirable fraction ACGIH: 2 mg/m3 TWA (total dust); 5 mg/m3 TWA (respirable dust) No Established Limit  OHSA, CAN: 2 mg/m3 TWA (containing no Asbestos and	CAS No. Ingredient Name & %  Source OSHA: Select Carcinogen: No Known Carcinogen: No; Suspected Carcinogen: No Group 1: No; Group 2A: No; Group 2b: No; Group 3: Yes; Group 4: No  CAS No. Ingredient Name & %  Source OSHA: OSHA: ACGIH: ACGIH: DIMPRIME ACGIH: Supplier: NIOSH: Supplier: OHSA, CAN: OHSA, CAN: ON Maxico: OSHA: OHSA, CAN: OHSA, CAN: OSHA: OHSA, CAN: OHSA, CAN: OHSA, CAN: OSHA: OHSA, CAN: OHSA, CAN: OHSA, CAN: OSHA: OHSA, CAN:			Source	
OSHA:  NTP: Known Carcinogen: No; Suspected Carcinogen: No IARC: Group 1: No; Group 2A: No; Group 2b: No; Group 3: Yes; Group 4: No  CAS No.  Ingredient Name & % Source Exposure Data OSHA: 15 mg/m3 TWA (total dust); 5 mg/m3 TWA (respirable fraction 4 CGIH: 2 mg/m3 TWA (total dust); 5 mg/m3 TWA (respirable dust) NIOSH: 10 mg/m3 TWA (total dust); 5 mg/m3 TWA (respirable dust) Supplier: No Established Limit OHSA, CAN: 2 mg/m3 TWA (containing no Asbestos and	OSHA:  NTP:  Known Carcinogen: No; Suspected Carcinogen: No  Group 1: No; Group 2A: No; Group 2b: No; Group 3: Yes; Group 4: No  CAS No.  Ingredient Name & %  Source  Exposure Data  OSHA:  15 mg/m3 TWA (total dust); 5 mg/m3 TWA (respirable fraction ACGIH: 2 mg/m3 TWA (total dust); 5 mg/m3 TWA (respirable dust)  NIOSH: 10 mg/m3 TWA (total dust); 5 mg/m3 TWA (respirable dust)  No Established Limit  OHSA, CAN: 2 mg/m3 TWA (containing no Asbestos and  Mexico: 10 mg/m3 TWA (containing no Asbestos and			NIOSH:	
OSHA:  NTP:  Known Carcinogen: No; Suspected Carcinogen: No  Group 1: No; Group 2A: No; Group 2b: No; Group 3: Yes; Group 4: No  CAS No.  Ingredient Name & %  Source  Exposure Data  OSHA:  OSHA:  15 mg/m3 TWA (total dust); 5 mg/m3 TWA (respirable fraction 2 mg/m3 TWA (particulate matter containing no asbestos and NIOSH:  NIOSH:  Supplier:  OHSA, CAN:  OHSA, CAN:  NTP:  Known Carcinogen: No  Known Carcinogen: No  Suspected Carcinogen: No  Exposure Data  15 mg/m3 TWA (total dust); 5 mg/m3 TWA (respirable dust)  No Established Limit  OHSA, CAN:  2 mg/m3 TWA (containing no Asbestos and	OSHA:  NTP:  Known Carcinogen: No; Suspected Carcinogen: No  Group 1: No; Group 2A: No; Group 2b: No; Group 3: Yes; Group 4: No  CAS No.  Ingredient Name & %  Source  Exposure Data  OSHA:  15 mg/m3 TWA (total dust); 5 mg/m3 TWA (respirable fraction acGIH: 2 mg/m3 TWA (total dust); 5 mg/m3 TWA (respirable dust)  NOSH: 10 mg/m3 TWA (total dust); 5 mg/m3 TWA (respirable dust)  No Established Limit  OHSA, CAN:  OHS			Source	Carcinogen Data
NTP:  IARC:  Known Carcinogen: No; Suspected Carcinogen: No Group 1: No; Group 2A: No; Group 2b: No; Group 3: Yes; Group 4: No  CAS No.  Ingredient Name & %  Source  Exposure Data  OSHA:  15 mg/m3 TWA (total dust); 5 mg/m3 TWA (respirable fraction a CGIH: 2 mg/m3 TWA (particulate matter containing no asbestos and NIOSH: 10 mg/m3 TWA (total dust); 5 mg/m3 TWA (respirable dust) Supplier: No Established Limit OHSA, CAN: 2 mg/m3 TWA (containing no Asbestos and	NTP:  IARC:  Known Carcinogen: No; Suspected Carcinogen: No Group 1: No; Group 2A: No; Group 2b: No; Group 3: Yes; Group 4: No  CAS No.  Ingredient Name & %  Source  Exposure Data OSHA:  15 mg/m3 TWA (total dust); 5 mg/m3 TWA (respirable fraction acguments) ACGIH:  2 mg/m3 TWA (total dust); 5 mg/m3 TWA (respirable dust) NOSH: 10 mg/m3 TWA (total dust); 5 mg/m3 TWA (respirable dust) No Established Limit OHSA, CAN:  OHSA, CA				Select Carcinogen: No
Group 1: No; Group 2A: No; Group 4: No  CAS No. Ingredient Name & %  Source  Source  OSHA:  ACGIH:  2 mg/m3 TWA (total dust); 5 mg/m3 TWA (respirable fraction not as bestos and not make the containing not as best not make the containing not as best not make the containing not as best not make the containing not not	CAS No. Ingredient Name & %  Source  OSHA:  ACGIH:  NIOSH:  Supplier:  OHSA, CAN:  CAS No. Ingredient Name & %  Source  Exposure Data  OSHA:  15 mg/m3 TWA (total dust); 5 mg/m3 TWA (respirable fraction as bestos and not make the containing not as best or and not make the containing not as best o			NTP:	
CAS No. Ingredient Name & %  Source  OSHA:  ACGIH:  NIOSH:  Supplier:  OHSA, CAN:  Source  Exposure Data  Display 15 mg/m3 TWA (total dust); 5 mg/m3 TWA (respirable fraction as bestos and not make the containing not as best not not make the containing not as best not not make the containing not as best not not not not not not not not not no	CAS No. Ingredient Name & % Source Exposure Data  OSHA: 15 mg/m3 TWA (total dust); 5 mg/m3 TWA (respirable fraction and properties)  ACGIH: 2 mg/m3 TWA (total dust); 5 mg/m3 TWA (respirable dust)  NIOSH: 10 mg/m3 TWA (total dust); 5 mg/m3 TWA (respirable dust)  Supplier: No Established Limit  OHSA, CAN: 2 mg/m3 TWA (containing no Asbestos and and maying)  Kaolin  Mexico: 10 mg/m3 TWA 20 mg/m3 STEL				
OSHA:  15 mg/m3 TWA (total dust); 5 mg/m3 TWA (respirable fraction ACGIH: 2 mg/m3 TWA (particulate matter containing no asbestos and NIOSH: 10 mg/m3 TWA (total dust); 5 mg/m3 TWA (respirable dust) No Established Limit OHSA, CAN: 2 mg/m3 TWA (containing no Asbestos and	OSHA:  15 mg/m3 TWA (total dust); 5 mg/m3 TWA (respirable fraction ACGIH:  2 mg/m3 TWA (particulate matter containing no asbestos and NIOSH:  10 mg/m3 TWA (total dust); 5 mg/m3 TWA (respirable dust)  No Established Limit  OHSA, CAN:  2 mg/m3 TWA (containing no Asbestos and Nevico:  10 mg/m3 TWA (containing no Asbestos and Nevico:  10 mg/m3 TWA (containing no Asbestos and Nevico:			IARU:	Group 2b: No; Group 3: Yes; Group 4: No
OSHA: 15 mg/m3 TWA (total dust); 5 mg/m3 TWA (respirable fraction ACGIH: 2 mg/m3 TWA (particulate matter containing no asbestos and NIOSH: 10 mg/m3 TWA (total dust); 5 mg/m3 TWA (respirable dust) Supplier: No Established Limit OHSA, CAN: 2 mg/m3 TWA (containing no Asbestos and	OSHA:  15 mg/m3 TWA (total dust); 5 mg/m3 TWA (respirable fraction ACGIH:  2 mg/m3 TWA (particulate matter containing no asbestos and NIOSH:  10 mg/m3 TWA (total dust); 5 mg/m3 TWA (respirable dust)  No Established Limit  OHSA, CAN:  2 mg/m3 TWA (containing no Asbestos and Nevico:  10 mg/m3 TWA (containing no Asbestos and Nevico:  10 mg/m3 TWA (containing no Asbestos and Nevico:	CAS No.	Ingredient Name & %	Source	Exposure Data
ACGIH:  2 mg/m3 TWA (particulate matter containing no asbestos and NIOSH: 10 mg/m3 TWA (total dust); 5 mg/m3 TWA (respirable dust) Supplier: No Established Limit OHSA, CAN: 2 mg/m3 TWA (containing no Asbestos and	ACGIH: 2 mg/m3 TWA (particulate matter containing no asbestos and NIOSH: 10 mg/m3 TWA (total dust); 5 mg/m3 TWA (respirable dust)  Supplier: No Established Limit  OHSA, CAN: 2 mg/m3 TWA (containing no Asbestos and 10 mg/m3 TWA 20 mg/m3 STEL				•
NIOSH: 10 mg/m3 TWA (total dust); 5 mg/m3 TWA (respirable dust)  Supplier: No Established Limit  OHSA, CAN: 2 mg/m3 TWA (containing no Asbestos and	NIOSH: 10 mg/m3 TWA (total dust); 5 mg/m3 TWA (respirable dust)  Supplier: No Established Limit  OHSA, CAN: 2 mg/m3 TWA (containing no Asbestos and  Nevico: 10 mg/m3 TWA (total dust); 5 mg/m3 TWA (respirable dust)  No Established Limit  10 mg/m3 TWA (total dust); 5 mg/m3 TWA (respirable dust)				
Supplier: No Established Limit OHSA, CAN: 2 mg/m3 TWA (containing no Asbestos and	Supplier: No Established Limit  OHSA, CAN: 2 mg/m3 TWA (containing no Asbestos and  No Established Limit  10 mg/m3 TWA (containing no Asbestos and Mexico: 10 mg/m3 TWA 20 mg/m3 STEL				
OHSA, CAN: 2 mg/m3 TWA (containing no Asbestos and	OHSA, CAN: 2 mg/m3 TWA (containing no Asbestos and Kaolin Meyico: 10 mg/m3 TWA20 mg/m3 STEL				
Kaolin	0001232 58 7 Kaolin Meyico: 10 ma/m3 TWA20 ma/m3 STEI				
0001222 F0 7 10 mg/m2 CTEI	1001332 28 / 10 MQVICO: 10 MQ/M3 1 WΔ20 MQ/M3 S LEI		Kaolin		
1.0 – 10% by Weight		0001332–58–7		Mexico:	10 mg/m3 TWA20 mg/m3 STEL

			_	
		Brazil:	No Established Limit	
		Source	Health Data	
		NIOSH:	Skin and mucous membrane injury respiratory effects	
		Source	Carcinogen Data	
		OSHA:	Select Carcinogen: No	
		NTP:	Known Carcinogen: No; Suspected Carcinogen: No	
			Group 1: No; Group 2A: No;	
		IARC:	Group 2b: No; Group 3: No; Group 4: No	
AS No.	Ingredient Name & %	Source	Exposure Data	
		OSHA:	No Established Limit	
		ACGIH:	No Established Limit	
		NIOSH:	6 mg/m3 TWA3000 mg/m3 IDLH	
		Supplier:	No Established Limit	
	Cilian amanahawa	OHSA, CAN:	No Established Limit	
007631–86–9	Silica, amorphous 1.0 – 10% by Weight	Mexico:	No Established Limit	
	1070 2, 110.g	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	
		IADO.	Group 1: No; Group 2A: No;	
		IARC:	Group 2b: No; Group 3: Yes; Group 4: No	
AS No.	Ingredient Name & %	Source	Exposure Data	
		OSHA:	15 mg/m3 TWA (total dust)	
		ACGIH:	10 mg/m3 TWA	
		NIOSH:	5000 mg/m3 IDLH	
		Supplier:	No Established Limit	
	Titanium dioxide	OHSA, CAN:	10 mg/m3 TWA (total dust)	
013463–67–7	10 – 25% by Weight	Mexico:	10 mg/m3 TWA (as Ti)20 mg/m3 STEL (as Ti)	
	20 /0 by 11 o.g. i.	Brazil:	No Established Limit	
		Source	Health Data	
		NIOSH:	Lung tumors in animals	
		Source	Carcinogen Data	
		OSHA:	Select Carcinogen: Yes	
		NTP:	Known Carcinogen: No; Suspected Carcinogen: No	
		IADO:	Group 1: No; Group 2A: No;	
		IARC:	Group 2b: Yes; Group 3: No; Group 4: No	
AS No.	Ingredient Name & %	Source	Exposure Data	
014807–96–6	Talc	OSHA:	No Established Limit	
	10 – 25% by Weight	ACGIH:	2 mg/m3 TWA (particulate matter containing no asbestos ar	
		NIOSH:	2 mg/m3 TWA (containing no Asbestos and	
		Supplier:	No Established Limit	
		OHSA, CAN:	2 mg/m3 TWA (containing no Asbestos and	
		Mexico:	2 mg/m3 TWA (respirable fraction)	
		Brazil:	No Established Limit	
		Source	Health Data	
		NIOSH:	(containing asbestos); Fibrotic pneumoconiosis; (containing asbestos); Nonmalignant respiratory effects	
		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: Yes; Group 4: No
CAS No.	Ingredient Name & %	Source	Exposure Data
		OSHA:	No Established Limit
		ACGIH:	No Established Limit
		NIOSH:	No Established Limit
		Supplier:	No Established Limit
	FATTY ACIDS, C18-UNSATD.,	OHSA, CAN:	No Established Limit
0068082–29–1	DIMERS, POLYMERS WITH TA	Mexico:	No Established Limit
	10 – 25% 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
	3	B. HAZARD IDE	ENTIFICATION
Overview:	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:	headache or nausea.	and throat irritation	n. Vapors may affect the brain or nervous system causing dizziness,
Eyes:	Risk of serious damage to eyes exposure to the chemicals listed	I in Section 2 of this or head and face p	s. Protective equipment should be selected to provide protection from s document. Depending on the site–specific condition of use, safety protection may be required to prevent contact. The equipment must be.
Skin:	Causes skin irritation. May be ha		
Ingestion:			nausea, vomiting, diarrhea, or drowsiness.
Chronic Effects:	Possible cancer hazard. Contain	ns an ingredient wh	ich may cause cancer based on animal data (See Section 2 and ends on duration and level of exposure.
HMIS Rating:	Health: 2*	Flammability: 3	Reactivity: 0
			MEASURES
General:	Remove contaminated clothing and shoes. Get medical attention immediately. Wash clothing before reuse. Thorough 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:	immediately.		nty of water for at least 15 minutes. Get medical attention
Skin:	In case of contact, immediately flush skin with soap and plenty of water. Get medical attention immediately.		
Ingestion:	•		Center at 1–800–854–6813. DO NOT induce vomiting unless we anything by mouth to an unconscious person.
	5. PROTEC	TIVE EQUIPMENT	AND CONTROL MEASURES
	during application and drying. If dust, vapor, or mist levels are al	you experience ey oove applicable lim	gredients listed in Section 2 of this document. Ensure fresh air entry e watering, headache or dizziness or if air monitoring demonstrates its, wear an appropriate, properly fitted respirator (NIOSH approved)

during and after application. Follow respirator manufacturer's directions for respirator use. FOR USERS OF 3M

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

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

Do not get in 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 condition of use, safety glasses, chemical goggles,

Respiratory:

Eyes:

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and/or head and face protection may be required to prevent contact. The equipment must be thouroughly 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 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.

Skin/Hand:

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, 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.

Other Work Practices:

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

### FIRE AND EXPLOSION INFORMATION

Flash Point: F: 40 C: 4

Lower Explosive Limit (LEL):

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

Fire and Explosion Hazards:

Fire Fighting Procedures:

Flammable liquid and vapor. HIGHLY FLAMMABLE 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 areas

(sewers, basements, tanks) creating a vapor explosion hazard. Runoff to sewers may create fire or explosion hazard. Containers may explode when heated. Many liquids are lighter than water.

CAUTION: This product has a very low flashpoint. Use of water spray when fighting fire may be inefficient. CAUTION: For mixtures containing alcohol or polar solvent, alcohol-resistant foam may be more effective. SMALL FIRES: Use dry chemical, CO2, water spray or regular foam. LARGE FIRES: Use water spray, fog,

or regular foam. Do not use straight streams. Move containers from fire area if you can do so without risk. Also Reference Emergency Response Guide Number: 128

### PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Liquid Coloured :Ha No Established Limit

Specific Gravity: 1.412008 Boiling Point (F): 175

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):29.47 (as supplied) VOHAP content (gm/litre of Solid 62.08 (as supplied)

Coating):

#### 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.

#### 9. HANDLING AND STORAGE

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. Do not get in eyes, on skin or clothing. Close container after each use. Wash thoroughly after

#### 10. TOXICOLOGICAL DATA

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:

No additional information provided for this product. See Section 2 for chemical specific data.

#### ACCIDENTAL RELEASE MEASURES 12.

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. CALL CHEMTREC at (800)-424-9300 for emergency response. Isolate spill or leak area immediately for at least 50 meters (150 feet) in all directions. Keep unauthorized personnel away. Stay upwind. Keep out of low areas.

ELIMINATE ALL IGNITION SOURCES (no smoking, flares, sparks or flames in immediate area). Use only

Public Safety:

Ventilate closed spaces before entering. LARGE SPILLS: Consider initial downwind evacuation for at least 300

meters (1000 feet).

Also, Reference Emergency Response Guide Number: 128

#### **DISPOSAL CONSIDERATION** 13.

Waste Disposal:

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

#### 14. TRANSPORTATION INFORMATION

DOT (Domestic	Surface Transportation)	IMO /	IMDG (Ocean Transportation)
DOT Proper Shipping Name: PAINT	'	IMDG Proper Shipping I PAINT	Name:
DOT Hazard Class:	3	IMDG Hazard Class:	3 - Flammable and Combustible liquid
UN / NA Number:	UN 1263	UN Number:	UN 1263
DOT Packing Group:	III	IMDG Packing Group:	III
CERCLA/DOT RQ:	825 gal. / 9705 lbs.	System Reference Code	e:2

#### REGULATORY INFORMATION 15.

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

Regulatory Overview: 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 Regulatory List Product Ingredients on List

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

Listed)

**DOT Severe Marine Pollutants** 

(1%):

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(No Product Ingredients
Listed)
EPCRA 311/312 Chemicals and
RQs (>.1%):
  0000078-93-3
                               Butanone: 5000 lb final RQ; 2270 kg final RQ
  0000123-86-4
                               BUTYL ACETATE: 5000 lb final RQ; 2270 kg final RQ
  0000071-36-3
                               Butanol: 5000 lb final RQ; 2270 kg final RQ
  0000108-88-3
                               Benzene, methyl-: 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%):
  0000067-63-0
                               Isopropyl alcohol
  0000071-36-3
                               Butanol
  0000108-88-3
                               Benzene, methyl-
  0001330-20-7
                              Xylenes (o-, m-, p- isomers)
Mass RTK Substances (>1%):
  0000108-83-8
                               Diisobutylketone
  0000067-63-0
                               Isopropyl alcohol
  0001332-58-7
                               Kaolin
  0001317-65-3
                               Limestone
  0000078-93-3
                               Butanone
  0000123-86-4
                               BUTYL ACETATE
  0000071-36-3
                               Butanol
  0007631-86-9
                               Silica, amorphous
  0014807-96-6
                               Talc
  0013463-67-7
                               Titanium dioxide
  0000108-88-3
                               Benzene, methyl-
  0001330-20-7
                               Xylenes (o-, m-, p- isomers)
Mass Extraordinarily Haz Sub
(>.01%):
  0014808-60-7
                               Quartz
  0014464-46-1
                               Silica, cristobalite
Penn RTK Substances (>1%):
  0000108-83-8
                               Diisobutylketone
  0000067-63-0
                               Isopropyl alcohol
  0001332-58-7
                               Kaolin
  0001317-65-3
                               Limestone
  0000078-93-3
                               Butanone
  0000123-86-4
                               BUTYL ACETATE
  0000071-36-3
                               Butanol
  0007631-86-9
                               Silica, amorphous
  0014807-96-6
                               Talc
  0013463-67-7
                               Titanium dioxide
  0000108-88-3
                               Benzene, methyl-
  0001330-20-7
                               Xylenes (o-, m-, p- isomers)
Penn Special Hazardous
Substances (>.01%):
     (No Product Ingredients
Listed)
Rhode Island Hazardous
Substances (>.1%):
  0000108-83-8
                               Diisobutylketone
  0000067-63-0
                               Isopropyl alcohol
  0001332-58-7
                               Kaolin
  0001317-65-3
                               Limestone
  0000078-93-3
                               Butanone
  0000123-86-4
                               BUTYL ACETATE
  0000071-36-3
                               Butanol
  0014807-96-6
                               Talc
  0013463-67-7
                               Titanium dioxide
  0000108-88-3
                               Benzene, methyl-
  0001330-20-7
                               Xylenes (o-, m-, p- isomers)
RCRA Status (%):
  0000078-93-3
                               Butanone: 5.041
N.J. RTK Substances (>1%):
  0000108-83-8
                               Diisobutylketone
```

## OD8003 E3

0000067-63-0 0001332-58-7 0001317-65-3 0000078-93-3 0000123-86-4 0000071-36-3 0014807-96-6 0013463-67-7 0000108-88-3 0001330-20-7 N.J. Special Hazardous	Isopropyl alcohol Kaolin Limestone Butanone BUTYL ACETATE Butanol Talc Titanium dioxide Benzene, methyl– Xylenes (o-, m-, p- isomers)
Substances (>.01%):	
0000067-63-0 0000078-93-3 0000123-86-4 0000071-36-3 0014808-60-7 0014464-46-1 0000108-88-3 0000112-24-3 0001330-20-7 N.J. Env. Hazardous Substances	Isopropyl alcohol Butanone BUTYL ACETATE Butanol Quartz Silica, cristobalite Benzene, methyl– Triethylene tetramine Xylenes (o-, m-, p- isomers)
(>.1%):	
0000067-63-0	Isopropyl alcohol Butanol
0000071–36–3 0000108–88–3	Benzene, methyl–
0001330-20-7	Xylenes (o-, m-, p- isomers)
Proposition 65 – Carcinogens	Aylenes (6 , III , p loomers)
(>0%):	
0014808-60-7	Quartz
Proposition 65 – Female Repro	
Toxins (>0%):	
0000108-88-3	Benzene, methyl-
Proposition 65 – Male Repro	
Toxins (>0%):	
(No Product Ingredients	
Listed) Proposition 65 – Developmental	
Toxins (>0%):	
0000064-17-5	Ethyl alcohol
0000108-88-3	Benzene, methyl-

### 16. OTHER INFORMATION

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