

Page 1 of 6 **SDS-219** 

Prepared to OSHA, ACC, ANSI, NOHSC, WHMIS, GHS & 1272/2008/EC Standards

SDS Revision: 3.3

		1.	PRODUC	T & COM	PANY	IDE			τιο	N						
1.1	Product Name:							-								
1.2	Chemical Name:	Methacrylate			_	-	-									
1.3	Synonyms:	NA	inixta o													
1.4	Trade Names:	AX 142, AX 1	44													
1.5	Product Use:	Professional														
1.6	Distributor's Name:	OPI Products														
1.7	Distributor's Address:				4000 110/											
			, -	alabasas, CA 9												
1.8	Emergency Phone:	CHEMTRE	C: +1 (703	) <b>527-3887</b> /	′ +1 (800	) 424	-930	0 (CC	N 16	377)						
1.9	Business Phone / Fax:	Tel: +1 (818)	999-5112													
			2. H/	AZARDS	DENT	FIC		)N								
2.1	Hazard Identification:	This product i								oode a	ccordi	na to t	ho cla	ssification criteria		
				nd ADG Code (			1 45 0	Janyei	ous y	Juus a	ccorui	iy io i		ssincation chiena		
		•	· /-	· ·	,	N RF		N	CAUS	ES F	YF IR			MAY CAUSE		
		-	RY IRRITATIO				Aono		UNUU							
			-	A; Eye Irrit. 2B												
2.2	Label Elements:			17 – May caus		skin	reactio	n H3	20 – 0	Jauses	eve i	ritatio	n			
			ause respirato		ses anergi	JANIT	cacilo	11. 115	20 - 0	Jauses	, cyc i	matio				
			•	P): P264 – Wa	sh exnos	nd skin	areas	thoro	uahly	with so	han ar	d wate	-r			
				ntaminated wo										<b></b>		
				ves/eye protect												
				ON SKIN - W												
				edical advice/												
		continuously	with water for	several minute	es. Remov	e cont	act ler	nses if	prese	nt and	easy	to do	-			
		continue rinsi	D201 E				~		continuously with water for several minutes. Remove contact lenses if present and easy to do –							
		continue rinsing. P321 – For specific first aid treatment (See Section 4 of this Safety Data Sheet). P370+P378 - In case of fire, CO <sub>2</sub> , Halon (if permitted), dry chemical, or foam for extinction.									y Data	.).	<b>•</b>			
		P370+P378 -	In case of f	ire, CO <sub>2</sub> , Halo	n (if pern	nitted),	dry c	hemic	al, or	foam	for ex	tinctio	n.	•		
		P370+P378 - P403+P235 -	<ul> <li>In case of f</li> <li>Store in a wel</li> </ul>	ire, CO <sub>2</sub> , Halo I-ventilated pla	n (if pern ce. Keep	nitted), cool.	dry c	hemic	al, or	foam	for ex	tinctio	n.	•		
		P370+P378 - P403+P235 - a licensed tre	<ul> <li>In case of f</li> <li>Store in a wel</li> <li>atment, storag</li> </ul>	ire, CO <sub>2</sub> , Halo I-ventilated pla e or disposal fa	n (if pern ce. Keep	nitted), cool.	dry c	hemic	al, or	foam	for ex	tinctio	n.	•		
2.3	Other Warnings:	P370+P378 - P403+P235 - a licensed tre	<ul> <li>In case of f</li> <li>Store in a wel</li> </ul>	ire, CO <sub>2</sub> , Halo I-ventilated pla e or disposal fa	n (if pern ce. Keep	nitted), cool.	dry c	hemic	al, or	foam	for ex	tinctio	n.	• 		
2.3	Other Warnings:	P370+P378 - P403+P235 - a licensed tre <b>KEEP OUT C</b>	In case of f Store in a wel atment, storag	ire, CO <sub>2</sub> , Halo I-ventilated pla e or disposal fa	n (if pern ce. Keep acility (TSE	nitted), cool. I IF).	dry c 2501 -	hemica - Dispo	al, or ose of (	foam conten	for ex	tinctio	n.	• 		
2.3	Other Warnings:	P370+P378 - P403+P235 - a licensed tre <b>KEEP OUT C</b>	In case of f Store in a wel atment, storag	ire, CO <sub>2</sub> , Halo I-ventilated pla e or disposal fa CHILDREN.	n (if pern ce. Keep acility (TSE	nitted), cool. I IF).	dry c 2501 -	hemica - Dispo	al, or ose of o	foam conten	for ex ts/con	tinction ainer f	n. to	• 		
2.3	Other Warnings:	P370+P378 - P403+P235 - a licensed tre <b>KEEP OUT C</b>	In case of f Store in a wel atment, storag	ire, CO <sub>2</sub> , Halo I-ventilated pla e or disposal fa CHILDREN.	n (if pern ce. Keep acility (TSE	hitted), cool. F F).	dry c 2501 -	hemica - Dispo ORN	al, or ose of o	foam conten	for ex ts/con	tinction ainer f	n. to			
2.3	Other Warnings:	P370+P378 - P403+P235 - a licensed tre <b>KEEP OUT C</b>	In case of f Store in a wel atment, storag	ire, CO <sub>2</sub> , Halo I-ventilated pla e or disposal fa CHILDREN.	n (if pern ce. Keep acility (TSE	hitted), cool. F PF). ENT	dry c >501 - INF	hemica - Dispo ORN	al, or ose of o <b>/IAT</b> EXPO	foam conten	for ex ts/con	tinction ainer 1	n. to	• 		
		P370+P378 - P403+P235 - a licensed tre KEEP OUT O 3. CO	In case of f Store in a wel atment, storag	ire, CO <sub>2</sub> , Halo I-ventilated pla <u>e or disposal fa</u> CHILDREN.	n (if perm ce. Keep acility (TSE GREDI	ENT	dry c 2501 - INF GIH	hemica - Dispo ORN	Al, or ose of o MAT EXPO NOHSC ppm ES-	foam conten ION SURE L	for ex ts/con	AIR (mg OSHA ppm	n. :0 g/m <sup>3</sup> )	• 		
СНЕМІ	CAL NAME(S)	P370+P378 - P403+P235 - a licensed tre KEEP OUT O 3. CC	TECS No.	ire, CO <sub>2</sub> , Halo I-ventilated pla e or disposal fa CHILDREN. ION & INC EINECS No.	n (if pern ce. Keep acility (TSE	ENT AC PF	dry c 2501 - INF GIH om STEL	entrica - Dispo ORN ES- TWA	Al, or ose of o MAT EXPO NOHSC ppm ES- STEL	foam conten ION SURE L ES- PEAK	for ex ts/con	AIR (mg OSHA ppm STEL	n. :0 g/m <sup>3</sup> )	OTHER		
CHEMI POLY	CAL NAME(S) URETHANE ACRYLATE	P370+P378 - P403+P235 - a licensed tre KEEP OUT O 3. CO	In case of f Store in a wel atment, storag FREACH OF	ire, CO <sub>2</sub> , Halo I-ventilated pla <u>e or disposal fa</u> CHILDREN.	n (if perm ce. Keep acility (TSE GREDI	ENT	dry c 2501 - INF GIH	hemica - Dispo ORN	Al, or ose of o MAT EXPO NOHSC ppm ES-	foam conten ION SURE L	for ex ts/con	AIR (mg OSHA ppm	n. :0 g/m <sup>3</sup> )	OTHER		
CHEMI POLY OLIGO	CAL NAME(S) URETHANE ACRYLATE DMERS	P370+P378 - P403+P235 - a licensed tre KEEP OUT O 3. CC	TECS No.	ire, CO <sub>2</sub> , Halo I-ventilated pla e or disposal fa CHILDREN. ION & INC EINECS No.	n (if pern ce. Keep acility (TSE	ENT AC PF	dry c 2501 - INF GIH om STEL	entrica - Dispo ORN ES- TWA	Al, or ose of o MAT EXPO NOHSC ppm ES- STEL	foam conten ION SURE L ES- PEAK	for ex ts/con	AIR (mg OSHA ppm STEL	n. :0 g/m <sup>3</sup> )	OTHER		
CHEMI POLY OLIGO (ACR)	CAL NAME(S) URETHANE ACRYLATE	P370+P378 - P403+P235 - a licensed tre KEEP OUT O 3. CC	TECS No.	ire, CO <sub>2</sub> , Halo I-ventilated pla e or disposal fa CHILDREN. ION & INC EINECS No.	n (if pern ce. Keep acility (TSE	ENT AC TLV	dry c 2501 - INF GIH om STEL	entrica - Dispo ORN ES- TWA	Al, or ose of o MAT EXPO NOHSC ppm ES- STEL	foam conten ION SURE L ES- PEAK	for ex ts/con	AIR (mg OSHA ppm STEL	n. :0 g/m <sup>3</sup> )	OTHER		
CHEMI POLY OLIGC (ACR)	CAL NAME(S) URETHANE ACRYLATE DMERS YLATES/CARBAMATE JLYMER)	P370+P378 - P403+P235 - a licensed tre KEEP OUT O 3. C( CAS No. NA	The case of f Store in a wel atment, storag FREACH OF OMPOSIT OMPOSIT RTECS №. NA	ire, CO <sub>2</sub> , Halo I-ventilated pla <u>e or disposal fa</u> CHILDREN. ION & IN( EINECS No. NA	n (if pern ce. Keep acility (TSE GREDI % 60-100	ENT ACC TLV NA	dry c 2501 - INF GIH STEL NA	enternica - Dispo ORN ES- TWA NF	Al, or ose of MAT EXPO NOHSC ppm ES- STEL NF	foam conten SURE L ES- PEAK NF	for exts/con IMITS IN PEL NA	AIR (mg OSHA PPM STEL NA	n. to g/m <sup>3</sup> ) IDLH NA	OTHER		
CHEMI POLY OLIGO (ACR) COPC	CAL NAME(S) URETHANE ACRYLATE DMERS /LATES/CARBAMATE DLYMER) THYLENE GLYCOL	P370+P378 - P403+P235 - a licensed tre KEEP OUT O 3. CC	TECS No.	ire, CO <sub>2</sub> , Halo I-ventilated pla e or disposal fa CHILDREN. ION & INC EINECS No.	n (if pern ce. Keep acility (TSE	ENT AC TLV	dry c 2501 - INF GIH om STEL	entrica - Dispo ORN ES- TWA	Al, or ose of o MAT EXPO NOHSC ppm ES- STEL	foam conten ION SURE L ES- PEAK	for ex ts/con	AIR (mg OSHA ppm STEL	n. :0 g/m <sup>3</sup> )	OTHER		
CHEMI POLY OLIGO (ACR) COPC	CAL NAME(S) URETHANE ACRYLATE DMERS YLATES/CARBAMATE JLYMER)	P370+P378 - P403+P235 - a licensed tre KEEP OUT C 3. CC CAS No. NA 109-16-0	NA	IVER INCO2, Halo I-ventilated pla e or disposal fa CHILDREN. ION & INO EINECS No. NA 203-652-6	n (if pern ce. Keep acility (TSE GREDI % 60-100 15-40	nitted), cool. P PF). ENT AC PF TLV NA	dry c 2501 - INF GIH Dm STEL NA NA	Bes- TWA NF	Al, or pse of MAT EXPO NOHSC ppm ES- STEL NF	foam conten ION SURE L ES- PEAK NF	MITS IN PEL NA NA	AIR (mg OSHA ppm STEL NA	n. io g/m <sup>3</sup> ) IDLH NA			
CHEMI POLY OLIGO (ACR) COPC TRIET DIME	CAL NAME(S) URETHANE ACRYLATE DMERS /LATES/CARBAMATE DLYMER) THYLENE GLYCOL	P370+P378 - P403+P235 - a licensed tre KEEP OUT O 3. C( CAS No. NA	The case of f Store in a wel atment, storag FREACH OF OMPOSIT OMPOSIT RTECS №. NA	ire, CO <sub>2</sub> , Halo I-ventilated pla <u>e or disposal fa</u> CHILDREN. ION & IN( EINECS No. NA	n (if pern ce. Keep acility (TSE GREDI % 60-100	ENT ACC TLV NA	dry c 2501 - INF GIH STEL NA	enternica - Dispo ORN ES- TWA NF	Al, or ose of MAT EXPO NOHSC ppm ES- STEL NF	foam conten SURE L ES- PEAK NF	for exts/con IMITS IN PEL NA	AIR (mg OSHA PPM STEL NA	n. io g/m <sup>3</sup> ) IDLH NA	OTHER		
CHEMI POLY OLIGO (ACR) COPC TRIET DIME	CAL NAME(S) URETHANE ACRYLATE OMERS /LATES/CARBAMATE DLYMER) 'HYLENE GLYCOL THACRYLATE	P370+P378 - P403+P235 - a licensed tre KEEP OUT C 3. CC CAS No. NA 109-16-0 68611-44-9	In case of f     Store in a wel     atment, storag     F REACH OF     DMPOSIT     NA     NA     NA	IVER CO2, Halo I-ventilated pla e or disposal fa CHILDREN. ION & INC EINECS No. NA 203-652-6 271-893-4	n (if pern ce. Keep acility (TSE GREDI % 60-100 15-40 7-13	NA (6)	dry c 2501 - INF GIH om STEL NA NA NE	es- <b>ORN</b> <b>ES-</b> <b>TWA</b> NF NF	Al, or pose of o MAT EXPO NOHSC ppm ES- STEL NF NF	foam conten SURE L ES- PEAK NF NF	MITS IN PEL NA (6)	AIR (m OSHA PPM STEL NA NA NE	n. co g/m <sup>3</sup> ) IDLH NA NA NE			
CHEMI POLY OLIGO (ACR) TRIET DIME SILIC/ HYDR	CAL NAME(S) URETHANE ACRYLATE DMERS YLATES/CARBAMATE DLYMER) THYLENE GLYCOL THACRYLATE A DIMETHYL SILYLATE	P370+P378 - P403+P235 - a licensed tre KEEP OUT C CAS No. NA 109-16-0 68611-44-9 E 868-77-9	In case of f     Store in a wel     atment, storag     F REACH OF     DMPOSIT     RTECS No.     NA     NA     NA     OZ4725000	ire, CO <sub>2</sub> , Halo I-ventilated pla <u>e or disposal fa</u> <b>CHILDREN.</b> ION & INO EINECS No. NA 203-652-6 271-893-4 212-782-2	n (if pern ce. Keep acility (TSE GREDI % 60-100 15-40 7-13 1-5	nitted), cool. P PF). ENT AC PF TLV NA	dry c 2501 - INF GIH Dm STEL NA NA	Bes- TWA NF	Al, or pse of MAT EXPO NOHSC ppm ES- STEL NF	foam conten ION SURE L ES- PEAK NF	MITS IN PEL NA NA	AIR (mg OSHA ppm STEL NA	n. io g/m <sup>3</sup> ) IDLH NA			
CHEMI POLY OLIGC (ACR) COPC TRIET DIME SILIC/	CAL NAME(S) URETHANE ACRYLATE DMERS YLATES/CARBAMATE DLYMER) THYLENE GLYCOL THACRYLATE A DIMETHYL SILYLATE	P370+P378 - P403+P235 - a licensed tre KEEP OUT C CAS No. NA 109-16-0 68611-44-9 E 868-77-9	In case of f     Store in a wel     atment, storag     F REACH OF     DMPOSIT     RTECS No.     NA     NA     NA     OZ4725000	IVER CO2, Halo I-ventilated pla e or disposal fa CHILDREN. ION & INC EINECS No. NA 203-652-6 271-893-4	n (if pern ce. Keep acility (TSE GREDI % 60-100 15-40 7-13 1-5	NA (6)	dry c 2501 - INF GIH om STEL NA NA NE	es- <b>ORN</b> <b>ES-</b> <b>TWA</b> NF NF	Al, or pose of o MAT EXPO NOHSC ppm ES- STEL NF NF	foam conten SURE L ES- PEAK NF NF	MITS IN PEL NA (6)	AIR (m OSHA PPM STEL NA NA NE	n. co g/m <sup>3</sup> ) IDLH NA NA NE			
CHEMI POLY OLIGO (ACR) COPC TRIET DIME SILIC/ HYDR (HEM/	CAL NAME(S) URETHANE ACRYLATE DMERS YLATES/CARBAMATE JLYMER) HYLENE GLYCOL THACRYLATE A DIMETHYL SILYLATE COXYETHYL METHACRYLAT A)	P370+P378 - P403+P235 - a licensed tre KEEP OUT C CAS No. NA 109-16-0 68611-44-9 E 868-77-9	In case of f     Store in a wel     atment, storag     F REACH OF     DMPOSIT     RTECS No.     NA     NA     NA     OZ4725000	ire, CO <sub>2</sub> , Halo I-ventilated pla <u>e or disposal fa</u> <b>CHILDREN.</b> ION & INO EINECS No. NA 203-652-6 271-893-4 212-782-2	n (if pern ce. Keep acility (TSE GREDI % 60-100 15-40 7-13 1-5	NA (6)	dry c 2501 - INF GIH om STEL NA NA NE	es- <b>ORN</b> <b>ES-</b> <b>TWA</b> NF NF	Al, or pose of o MAT EXPO NOHSC ppm ES- STEL NF NF	foam conten SURE L ES- PEAK NF NF	MITS IN PEL NA (6) NA	AIR (m OSHA PPM STEL NA NA NE	n. co g/m <sup>3</sup> ) IDLH NA NA NE			
CHEMI POLY OLIGO (ACR) COPC TRIET DIME SILIC/ HYDR (HEM/	CAL NAME(S) URETHANE ACRYLATE DMERS YLATES/CARBAMATE DLYMER) THYLENE GLYCOL THACRYLATE A DIMETHYL SILYLATE	P370+P378 - P403+P235 - a licensed tre KEEP OUT C CAS No. NA 109-16-0 68611-44-9 E 868-77-9 Skin Irrit. 2, SI	In case of f     Store in a wel     atment, storag     F REACH OF     DMPOSIT     RTECS No.     NA     NA     NA     OZ4725000     kin Sens. 1, Eye	ire, CO <sub>2</sub> , Halo I-ventilated pla <u>e or disposal fa</u> <b>CHILDREN.</b> <b>ION &amp; ING</b> EINECS No. NA 203-652-6 271-893-4 212-782-2 Irrit.2; H315, H31	n (if pern ce. Keep acility (TSE GREDI 60-100 15-40 7-13 1-5 17, H319	NA (6) NA	dry c 2501 INF GIH MA NA NA NE NA	es- TWA NF NF NF	Al, or pose of of AAT EXPO NOHSC ppm ES- STEL NF NF NF NF	foam conten SURE L SURE L ES- PEAK NF NF NF	MITS IN PEL NA (6)	AIR (m OSHA PPM STEL NA NA NA NE	n. io g/m <sup>3</sup> ) IDLH NA NA NE NA			
CHEMI POLY OLIGO (ACR) COPC TRIET DIME SILIC/ HYDR (HEM/	CAL NAME(S) URETHANE ACRYLATE DMERS YLATES/CARBAMATE JLYMER) HYLENE GLYCOL THACRYLATE A DIMETHYL SILYLATE COXYETHYL METHACRYLAT A)	P370+P378 - P403+P235 - a licensed tre KEEP OUT O 3. CC CAS No. NA 109-16-0 68611-44-9 E 868-77-9 Skin Irrit. 2, SI 13463-67-7	In case of f Store in a wel atment, storag F REACH OF OMPOSIT NA NA NA NA OZ4725000 kin Sens. 1, Eye XR2275000	ire, CO <sub>2</sub> , Halo I-ventilated pla <u>e or disposal fa</u> <b>CHILDREN.</b> ION & INO EINECS No. NA 203-652-6 271-893-4 212-782-2 Irrit.2; H315, H31 236-675-5	n (if pern ce. Keep acility (TSE GREDI 60-100 15-40 7-13 1-5 7, H319 0.1-1	NA (10) (10)	dry cc 2501 - GIH om STEL NA NA NA NA	NF NF	Al, or pose of of AAT EXPO NOHSC ppm ES- STEL NF NF NF NF	foam conten SURE L SURE L ES- PEAK NF NF NF	MITS IN PEL NA (6) (10)	AIR (mg OSHA ppm STEL NA NA NA NA	n. io g/m <sup>3</sup> ) IDLH NA NA NA NA			
CHEMI POLY OLIGO (ACR) COPC TRIET DIME SILIC/ HYDR (HEM/ CI 778	CAL NAME(S) URETHANE ACRYLATE DMERS YLATES/CARBAMATE JLYMER) HYLENE GLYCOL THACRYLATE A DIMETHYL SILYLATE COXYETHYL METHACRYLAT A)	P370+P378 - P403+P235 - a licensed tre KEEP OUT C CAS No. NA 109-16-0 68611-44-9 E 868-77-9 Skin Irrit. 2, SI	In case of f     Store in a wel     atment, storag     F REACH OF     DMPOSIT     RTECS No.     NA     NA     NA     OZ4725000     kin Sens. 1, Eye	ire, CO <sub>2</sub> , Halo I-ventilated pla <u>e or disposal fa</u> <b>CHILDREN.</b> <b>ION &amp; ING</b> EINECS No. NA 203-652-6 271-893-4 212-782-2 Irrit.2; H315, H31	n (if pern ce. Keep acility (TSE GREDI 60-100 15-40 7-13 1-5 17, H319	NA (6) NA	dry c 2501 INF GIH MA NA NA NE NA	es- TWA NF NF NF	Al, or pose of of AAT EXPO NOHSC ppm ES- STEL NF NF NF NF	foam conten SURE L SURE L ES- PEAK NF NF NF	MITS IN PEL NA (6) NA	AIR (m OSHA PPM STEL NA NA NA NE	n. io g/m <sup>3</sup> ) IDLH NA NA NE NA			
CHEMI POLY OLIGC (ACR) COPC TRIET DIME SILIC/ HYDR (HEM/ CI 778	CAL NAME(S) URETHANE ACRYLATE DMERS YLATES/CARBAMATE DLYMER) THYLENE GLYCOL THACRYLATE A DIMETHYL SILYLATE COXYETHYL METHACRYLAT A) 391 (TITANIUM DIOXIDE)	P370+P378 - P403+P235 - a licensed tre KEEP OUT O 3. CC CAS No. NA 109-16-0 68611-44-9 868-77-9 Skin Irrit. 2, SI 13463-67-7 1309-37-1	In case of f     Store in a wel     atment, storag     F REACH OF     DMPOSIT     DMPOSIT     NA     NA     NA     NA     OZ4725000     Kin Sens. 1, Eye     XR2275000     NO740000	ire, CO <sub>2</sub> , Halo I-ventilated pla <u>e or disposal fa</u> CHILDREN. ION & INO EINECS No. NA 203-652-6 271-893-4 212-782-2 Irrit.2; H315, H31 236-675-5 215-168-2	n (if pern ce. Keep acility (TSE <b>GREDI</b> % 60-100 15-40 7-13 7.13 1-5 7, H319 0.1-1 0.1-1	NA (10) NA	dry cc 2501 - SINF SIH MA NA NA NA NA	Anternica Dispose ORN ES- TWA NF NF NF NF	al, or pose of o <b>MAT</b> EXPO NOHSC ppm ES- STEL NF NF NF	foam conten	MITS IN PEL NA (6) NA (10) NA	AIR (mg osha ppm STEL NA NA NA NA	n. io g/m <sup>3</sup> ) IDLH NA NA NA NA NA			
CHEMI POLY OLIG( (ACR) COPC TRIET JIME <sup>-</sup> SILIC/ HYDR (HEM/ CI 778 CI 774	CAL NAME(S) URETHANE ACRYLATE DMERS /LATES/CARBAMATE DLYMER) 'HYLENE GLYCOL THACRYLATE A DIMETHYL SILYLATE OXYETHYL METHACRYLAT A) 391 (TITANIUM DIOXIDE)	P370+P378 - P403+P235 - a licensed tre KEEP OUT O 3. CC CAS No. NA 109-16-0 68611-44-9 E 868-77-9 Skin Irrit. 2, SI 13463-67-7	In case of f Store in a wel atment, storag F REACH OF OMPOSIT NA NA NA NA OZ4725000 kin Sens. 1, Eye XR2275000	ire, CO <sub>2</sub> , Halo I-ventilated pla <u>e or disposal fa</u> <b>CHILDREN.</b> ION & INO EINECS No. NA 203-652-6 271-893-4 212-782-2 Irrit.2; H315, H31 236-675-5	n (if pern ce. Keep acility (TSE GREDI 60-100 15-40 7-13 1-5 7, H319 0.1-1	NA (10) (10)	dry cc 2501 - GIH om STEL NA NA NA NA	NF NF	Al, or pose of of AAT EXPO NOHSC ppm ES- STEL NF NF NF	foam conten SURE L SURE L ES- PEAK NF NF NF	MITS IN PEL NA (6) (10)	AIR (mg OSHA ppm STEL NA NA NA NA	n. io g/m <sup>3</sup> ) IDLH NA NA NA NA			
CHEMI POLY OLIG( (ACR) COPC TRIET JIME <sup>-</sup> SILIC/ HYDR (HEM/ CI 778 CI 774	CAL NAME(S) URETHANE ACRYLATE DMERS YLATES/CARBAMATE DLYMER) THYLENE GLYCOL THACRYLATE A DIMETHYL SILYLATE COXYETHYL METHACRYLAT A) 391 (TITANIUM DIOXIDE)	P370+P378 - P403+P235 - a licensed tre KEEP OUT O 3. CC CAS No. NA 109-16-0 68611-44-9 868-77-9 Skin Irrit. 2, SI 13463-67-7 1309-37-1	In case of f     Store in a wel     atment, storag     F REACH OF     DMPOSIT     DMPOSIT     NA     NA     NA     NA     OZ4725000     Kin Sens. 1, Eye     XR2275000     NO740000	ire, CO <sub>2</sub> , Halo I-ventilated pla <u>e or disposal fa</u> CHILDREN. ION & INO EINECS No. NA 203-652-6 271-893-4 212-782-2 Irrit.2; H315, H31 236-675-5 215-168-2	n (if pern ce. Keep acility (TSE <b>GREDI</b> % 60-100 15-40 7-13 7.13 1-5 7, H319 0.1-1 0.1-1	NA (10) NA	dry cc 2501 - SINF SIH MA NA NA NA NA	Anternica Dispose ORN ES- TWA NF NF NF NF	al, or pose of o <b>MAT</b> EXPO NOHSC ppm ES- STEL NF NF NF	foam conten	MITS IN PEL NA (6) NA (10) NA	AIR (mg osha ppm STEL NA NA NA NA	n. io g/m <sup>3</sup> ) IDLH NA NA NA NA NA			



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Prepared to OSHA, ACC, ANSI, NOHSC, WHMIS, GHS & 1272/2008/EC Standards

SDS Revision: 3.3

			4. FIRST AID MEASURES							
4.1										
		Eyes:								
		Skin:       If irritation occurs and product is on the skin, rinse thoroughly with lukewarm water, followed by a thorough washing of the affected area with soap and water. If irritation, redness or swelling persists, contact a physician immediately.								
4.2	Effects of Europeuro	Inhalation:	Remove victim to fresh air.							
4.2	Effects of Exposure:	Ingestion:	If product is swallowed, may cause nausea, headach system depression.							
		Eyes:	Irritating to the eyes. Symptoms of overexposure may in							
		<u>Skin:</u> Inhalation:	May be irritating to skin in some sensitive individuals, es Inhalation of vapors is unlikely under normal conditions in excess of the levels listed in Section 2 (Compositi nervous system depression (e.g., drowsiness, dizziness	of use and handling; however, inhalation of vapors ion and Ingredient Information) can cause central						
4.3	Symptoms of Overexposure:	Symptoms of	of skin overexposure in some sensitive individuals may							
			exposure in eyes may cause redness, itching and waterin							
4.4	Acute Health Effects:	Mild to mode	rate irritation to eyes and skin near affected areas.							
4.5	Chronic Health Effects:	None known								
4.6	Target Organs:	Eyes, Skin.								
4.7	Medical Conditions Aggravated by Exposure:		dermatitis, other skin conditions, and disorders of the s (eyes, skin, and respiratory system).	HEALTH1FLAMMABILITY1PHYSICAL HAZARDS1						
				PROTECTIVE EQUIPMENT B						
				EYES SKIN						
			5. FIREFIGHTING MEASURES							
5.1	Fire & Explosion Hazards:	polymerizatio	polymerization may cause containers to rupture. Cool co on. This product is a non-flammable liquid. When involve compose to form toxic gases (e.g., CO, CO <sub>2</sub> , NO <sub>x</sub> ).							
5.2	Extinguishing Methods:		if permitted), Dry Chemical, Foam							
5.3	Firefighting Procedures:	This product	is a combustible liquid. When involved in a fire, this p to produce carbon oxides.	roduct may ignite readily and						
		protective ed	ders should wear eye protection. Structural firefighters quipment. Use a water spray or fog to reduce or direc ctually extinguishing a fire involving this product.							
	•		6. ACCIDENTAL RELEASE MEASU	RES						
6.1	Spills:									
0.1	Spills:       Before cleaning any spill or leak, individuals involved in spill cleanup must wear appropriate Personal Protective Equipment.         For small spills (e.g., < 1 gallon (3.8 L)) wear appropriate personal protective equipment (e.g., goggles, gloves).									
		material (e.g containers fo	<u>ills</u> (e.g., $\geq$ 1 gallon (3.8 L)), deny entry to all unprotect, sand or earth). Transfer liquid to containers for recover proper disposal. Remove contaminated clothing pro- spills and cleaning runoffs out of drains, municipal sever	ery or disposal and solid diking material to separate nptly and wash affected skin areas with soap and						



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				etor				NI			
		7. HANDLIN									
7.1	Work & Hygiene Practices:	Avoid prolonged contact with drink or smoke while handling			fter use, v	wash hand	Is and expo	osed ski	n with s	oap an	d water. Do not eat,
7.2	Storage & Handling:	Keep this material away from heat, sparks and open flame. Open containers slowly on a stable surface. Keep container closed tightly when not in use. Empty container may contain residual amounts of this product; therefore, empty containers should be handled with care. Store containers in a cool, dry location, away from direct sunlight, other light sources, or sources of intense heat. Store									
		Store containers in a cool, dry away from incompatible mate containers as appropriate.									
7.3	Special Precautions:	Open containers slowly on a contain residual amounts of th									mpty containers may
		8. EXPOSURE CON	NTRO	DLS 8			. PROT	ECTI	ON		
8.1	Exposure Limits:			GIH		NOHSC			OSHA		OTHER
	ppm (mg/m <sup>3</sup> )	CHEMICAL NAME(S)	TLV	STEL	ES-TWA	ES-STEL	ES-PEAK	PEL	STEL	IDLH	
		SILICA DIMETHYL SILYLATE	(6)	NE	NF	NF	NF	(6)	NE	NE	DUST
		CI 77891 (TITANIUM DIOXIDE)TALC	(10)	NA	NF	NF	NF	(10)	NA	NA	
8.2	Ventilation & Engineering Controls:	When working with large quant that an eyewash station, sink of							al exhau	ust vent	ilation, fans). Ensure
8.3	Respiratory Protection:	No special respiratory protect necessary, use only respirato §1910.134, or applicable U.S provinces, EU member states,	ory prot S. state	ection a e regulat	uthorized	per U.S.	OSHA's re	quireme	ent in 2	9 CFR	
8.4	Eye Protection:	Depending on the use of this p U.S. OSHA 29 CFR §1910.133	oroduct	, splash						efer to	6
8.5	Hand Protection:	If anticipated that prolonged & neoprene or rubber gloves fo §1910.138, the appropriate sta	& repea r routin	ated skir ie indust	n contact v rial use.	will occur If necessa	during use ary, refer to	of this	product		
8.6	Body Protection:	No special body protection i necessary, refer to appropriate	s requ	ired und	ler typica	l circumst	ances of u			ng. If	
		9. PHYSICA	L &	CHEN		PROP	ERTIES	5			
9.1	Appearance:	Pink viscous gel									
9.2	Odor:	Characteristic acrylate odor									
9.3	Odor Threshold:	ND									
9.4	pH:	NA									
9.5	Melting Point/Freezing Point:	NA									
9.6	Initial Boiling Point/Boiling	NA									
0.7	Range:										
9.7 9.8	Flashpoint: Upper/Lower Flammability	> 100 °C (> 212 °F) estimated									
9.9	Limits: Vapor Pressure:	NA									
9.10	Vapor Density:	NA									
9.10	Relative Density:	ND									
9.12	Solubility:										
9.12	Partition Coefficient (log Pow):	Immiscible									
9.13	Autoignition Temperature:	NA ND									
9.14	Decomposition Temperature:										
9.15	Viscosity:	NA									
9.16	Other Information:	165,000 cPs									
9.17	Other Information:	NA									
		10. ST	ABI		& REA	СТІУІТ	Y				
10.1	Stability:	Stable under ambient condition	ns whe	n stored	properly (	see Sectio	n 7, Storad	e and H	landling	).	
10.2	Hazardous Decomposition Products:	If exposed to extremely high carbon oxide gases (e.g., CO,	temper								irritating vapors and
10.3	Hazardous Polymerization:	May occur, if exposed to extre		gh temp	eratures.						
10.4	Conditions to Avoid:	None known.		·							
10.5	Incompatible Substances:	This product is incompatible hydrochloric or muriatic acids)				•			s, supe	roxides	), strong acids (e.g.,
1											



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		11. TOXICOLOGICAL INFORMATION
11.1	Routes of Entry:	Inhalation: YES Absorption: YES Ingestion: YES
11.2	Toxicity Data:	This product has NOT been tested on animals to obtain toxicology data. There are toxicology data for the compone of the product, which are found in scientific literature. This data has not been presented in this document.
11.3	Acute Toxicity:	See Section 4.4
11.4	Chronic Toxicity:	See Section 4.5
11.5	Suspected Carcinogen:	NA
11.6	Reproductive Toxicity:	This product is not reported to cause reproductive toxicity in humans.
	Mutagenicity:	This product is not reported to produce mutagenic effects in humans.
	Embryotoxicity:	This product is not reported to produce embryotoxic effects in humans.
	Teratogenicity:	This product is not reported to cause teratogenic effects in humans.
	Reproductive Toxicity:	This product is not reported to cause reproductive effects in humans.
11.7	Irritancy of Product:	See Section 4.3
11.8	Biological Exposure Indices:	NE
11.9	Physician Recommendations:	Treat symptomatically.
12.1	Environmental Stability:	12. ECOLOGICAL INFORMATION           There are no specific data available for this product.
12.1	Effects on Plants & Animals:	There are no specific data available for this product.
12.3	Effects on Aquatic Life:	There are no specific data available for this product.
	·	
	1	13. DISPOSAL CONSIDERATIONS
13.1	Waste Disposal:	Waste disposal must be in accordance with appropriate federal, state, and local regulations.
13.2	Special Considerations:	NA
		proper shipping name, hazard class & division, packing group) is shown for each mode of transportation. Additional descriptive informa /ICAO, IMDG and the CTDGR.
14.2	IATA (AIR):	NOT REGULATED
14.3	IMDG (OCN):	NOT REGULATED
14.4	TDGR (Canadian GND):	NOT REGULATED
14.5	ADR/RID (EU):	NOT REGULATED
14.6	SCT (MEXICO):	NOT REGULATED
14.7	ADGR (AUS):	NOT REGULATED
		15. REGULATORY INFORMATION
15.1	SARA Reporting Requirements:	This product does not contain any substances subject to SARA Title III, section 313 reporting requirements.
15.2	SARA Threshold Planning Quantity:	There are no specific Threshold Planning Quantities for the components of this product.
15.3	TSCA Inventory Status:	The components of this product are listed on the TSCA Inventory or are otherwise exempt.
15.4	CERCLA Reportable Quantity (RQ):	NA
15.5	Other Federal Requirements:	This product complies with the appropriate sections of the Food and Drug Administration's 21 CFR subchapter (Cosmetics).
15.6	Other Canadian Regulations:	This product has been classified according to the hazard criteria of the CPR and the SDS contains all of the information required by the CPR. The components of this product are listed on the DSL/NDSL. None of the components of this product are listed on the Priorities Substances List.
15.7	State Regulatory Information:	Hydroxyethyl Methacrylate (HEMA) is found on the following state criteria list: NJ and PA No other ingredients in this product, present in a concentration of 1.0% or greater, are listed on any of the following state criteria lists: California Proposition 65 (CA65), Delaware Air Quality Management List (DE), Florida Toxic Substan List (FL), Massachusetts Hazardous Substances List (MA), Michigan Critical Substances List (MI), Minnesota Hazardou Substances List (MN), New Jersey Right-to-Know List (NJ), New York Hazardous Substances List (NY), Pennsylva Right-to-Know List (PA), Washington Permissible Exposures List (WA), Wisconsin Hazardous Substances List (WI).
15.8	Other Requirements:	This product does not contain any chemicals known to the State of California to cause cancer or other reproductive harm. For more information, go to www.P65warnings.ca.gov.



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	16. OTHER INFORMATION					
16.1	Other Information:	WARNING! MAY CAUSE AN ALLERGIC SKIN REACTION. CAUSES EYE IRRITATION. MAY CAUSE RESPIRATORY IRRITATION. Use only as directed. Irritating to eyes, skin and respiratory system. Keep container tightly closed in a cool place. Avoid contact with skin and eyes. Wear eye protection. Do not take internally. Keep away from heat and open flame. KEEP OUT OF REACH OF CHILDREN				
16.2	Terms & Definitions:	See last page of this Safety Data Sheet.				
16.3	Disclaimer:	This Safety Data Sheet is offered pursuant to OSHA's Hazard Communication Standard, 29 CFR §1910.1200. Other government regulations must be reviewed for applicability to this product. To the best of ShipMate's & OPI's knowledge, the information contained herein is reliable and accurate as of this date; however, accuracy, suitability or completeness is not guaranteed and no warranties of any type, either expressed or implied, are provided. The information contained herein relates only to the specific product(s). If this product(s) is combined with other materials, all component properties must be considered. Data may be changed from time to time. Be sure to consult the latest edition.				
16.4	Prepared for:	OPI Products, Inc. 4500 Park Granada Blvd Calabasas, CA 91302 USA Tel: +1 (818) 999-5112 http://www.opi.com				
16.5	Prepared by:	ShipMate, Inc. P.O. Box 787 Sisters, Oregon 97759-0787 USA Tel: +1 (310) 370-3600 Fax: +1 (310) 370-5700 http://www.shipmate.com				



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### **DEFINITION OF TERMS**

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A large number of abbreviations and acronyms appear on a SDS. Some of these that are commonly used include the following:

#### GENERAL INFORMATION:

CAS No.	Chemical Abstract Service Number
RTECS No.	Registry of Toxic Effects of Chemical Substances Number
EINECS No.	European Inventory of Existing Commercial Chemical Substances Number

#### EXPOSURE LIMITS IN AIR:

ACGIH	American Conference on Governmental Industrial Hygienists
IDLH	Immediately Dangerous to Life and Health
NOHSC	National Occupational Health and Safety Commission (Australia)
OSHA	U.S. Occupational Safety and Health Administration
PEL	Permissible Exposure Limit
STEL	Short Term Exposure Limit
TLV	Threshold Limit Value
TWA	Time Weighted Average

#### FIRST AID MEASURES:

CPR	Cardiopulmonary resuscitation - method in which a person whose heart has
	stopped receives manual chest compressions and breathing to circulate blood
	and provide oxygen to the body.

#### HAZARDOUS MATERIALS IDENTIFICATION SYSTEM: HMIS

#### HEALTH, FLAMMABILITY & REACTIVITY RATINGS:

0	Minimal Hazard	HEALTH
1	Slight Hazard	FLAMMABILITY
2	Moderate Hazard	PHYSICAL HAZARDS
3	Severe Hazard	PERSONAL PROTECTION
4	Extreme Hazard	

# A Image: Constraint of the system of the

PERSONAL PROTECTION RATINGS:



#### OTHER STANDARD ABBREVIATIONS:

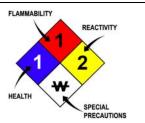
Carc	Carcinogenic
Irrit	Irritant
NA	Not Available
NR	No Results
ND	Not Determined
NE	Not Established
NF	Not Found
SCBA	Self-Contained Breathing Apparatus
Sens	Sensitization
STOT RE	Specific Target Organ Toxicity – Repeat Exposure
STOT SE	Specific Target Organ Toxicity – Single Exposure

## NATIONAL FIRE PROTECTION ASSOCIATION: NFPA

FLAMMABIL	FLAMMABILITY LIMITS IN AIR:							
	Autoignition Minimum temperature required to initiate combustion in air with no other source of ignition							
LEL	Lower Explosive Limit - lowest percent of vapor in air, by volume, that will explode or ignite in the presence of an ignition source							
UEL	Upper Explosive Limit - highest percent of vapor in air, by volume, that will explode or ignite in the presence of an ignition source							

#### HAZARD RATINGS:

0	Minimal Hazard	FL
1	Slight Hazard	<u>.</u>
2	Moderate Hazard	
3	Severe Hazard	
4	Extreme Hazard	
ACD	Acidic	2
ALK	Alkaline	
COR	Corrosive	
W	Use No Water	H
ох	Oxidizer	
TREFOIL	Radioactive	



#### TOXICOLOGICAL INFORMATION:

LD <sub>50</sub>	Lethal Dose (solids & liquids) which kills 50% of the exposed animals		
LC <sub>50</sub>	Lethal concentration (gases) which kills 50% of the exposed animal		
ppm	Concentration expressed in parts of material per million parts		
TD <sub>Io</sub> Lowest dose to cause a symptom			
TCLo Lowest concentration to cause a symptom			
TD <sub>lo</sub> , LD <sub>lo</sub> , & LD <sub>o</sub> or	Lowest dose (or concentration) to cause lethal or toxic effects		
TC, TC <sub>o</sub> , LC <sub>io</sub> , & LC <sub>o</sub>			
IARC	International Agency for Research on Cancer		
NTP	National Toxicology Program		
RTECS	Registry of Toxic Effects of Chemical Substances		
BCF	Bioconcentration Factor		
TLm	Median threshold limit		
log Kow or log Koc	Coefficient of Oil/Water Distribution		

#### **REGULATORY INFORMATION:**

WHMIS	Canadian Workplace Hazardous Material Information System			
DOT	U.S. Department of Transportation			
TC	Transport Canada			
EPA	U.S. Environmental Protection Agency			
DSL	Canadian Domestic Substance List			
NDSL	Canadian Non-Domestic Substance List			
PSL	Canadian Priority Substances List			
TSCA	U.S. Toxic Substance Control Act			
EU	European Union (European Union Directive 67/548/EEC)			
WGK	Wassergefährdungsklassen (German Water Hazard Class)			

WORKPLACE HAZARDOUS MATERIALS IDENTIFICATION (WHMIS) SYSTEM:

$\bigcirc$	۲	٢		1	<b>(</b>		
Class A	Class B	Class C	Class D1	Class D2	Class D3	Class E	Class F
Compress	Flammabl	Oxidizing	Toxic	Irritation	Infectious	Corrosive	Reactive

#### CLP/GHS (1272/2008/EC) PICTOGRAMS:

			$\Diamond$			<b>\:</b>		
GHS01	GHS02	GHS03	GHS04	GHS05	GHS06	GHS07	GHS08	GHS09
Explosive	Flammable	Oxidizer	Pressurized	Corrosive	Toxic	Harmful Irritating	Health Hazard	Environment