SAFETY DATA SHEET			ELANTAS Electrical Insulation
CONASHIELD CS-212 F	Par	t A Urethane Prepolymer	
Version 1		Revision Date 01/15/2018	Print Date 01/15/2018
SECTION 1. IDENTIFICATION			
Product name	:	CONASHIELD CS-212 Part A Uretha	ane Prepolymer
Manufacturer or supplier's o	deta	ils	
Company Telephone Visit our web site E-mail address Emergency telephone number		ELANTAS PDG, INC. 5200 North 2nd Street St. Louis MO 63147 (314) 621-5700 www.elantas.com Todd.Thomas@altana.com INFOTRAC - 1-800-535-5053	
Recommended use of the cl	hem		
Recommended use	:	Electrical Insulation	
Restrictions on use	:	Refer to Section 15 for any restriction	ns that may apply
SECTION 2. HAZARDS IDENTIFIC	CAI	ION	
GHS Classification			
Acute toxicity (Inhalation)	:	Category 4	
Skin irritation	:	Category 2	
Eye irritation	:	Category 2A	
Respiratory sensitisation	:	Category 1	
Skin sensitisation	:	Category 1	
Carcinogenicity	:	Category 2	
Specific target organ toxicity - single exposure	:	Category 3 (Respiratory system)	
Specific target organ toxicity - repeated exposure	:	Category 2	
GHS label elements			
Hazard pictograms	:		
Signal word	:	Danger	

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Hazard statements :	 H315 Causes skin irritation. H317 May cause an allergic skin react H319 Causes serious eye irritation. H332 Harmful if inhaled. H334 May cause allergy or asthma syr difficulties if inhaled. H335 May cause respiratory irritation. H351 Suspected of causing cancer. H373 May cause damage to organs th repeated exposure. 	nptoms or breathing
Precautionary statements :	 Prevention: P201 Obtain special instructions before P202 Do not handle until all safety preand understood. P260 Do not breathe dust/ fume/ gas/ P264 Wash skin thoroughly after hand P271 Use only outdoors or in a well-vere P272 Contaminated work clothing short the workplace. P280 Wear protective gloves/ protective face protection. P285 In case of inadequate ventilation protection. Response: P302 + P352 IF ON SKIN: Wash with protection. Response: P302 + P352 IF ON SKIN: Wash with protection. Response: P304 + P340 + P312 IF INHALED: Reand keep comfortable for breathing. Carc CENTER/doctor if you feel unwell. P305 + P351 + P338 IF IN EYES: Ring for several minutes. Remove contact least to do. Continue rinsing. P308 + P313 IF exposed or concerned attention. P337 + P313 If skin irritation or rash or attention. P362 Take off contaminated clothing attention. P362 Take off contaminated clothing attention. P362 Take off contaminated clothing attention. P303 + P233 Store in a well-ventilated tightly closed. P405 Store locked up. Disposal: P501 Dispose of contents/ container to disposal plant. 	cautions have been read mist/ vapours/ spray. ling. entilated area. uld not be allowed out of ve clothing/ eye protection/ wear respiratory plenty of soap and water. move person to fresh air all a POISON se cautiously with water enses, if present and easy d: Get medical advice/ ccurs: Get medical advice/ Get medical advice/ and wash before reuse. place. Keep container
Other hazards		
None known.		
SECTION 3. COMPOSITION/INFORM	ATION ON INGREDIENTS	

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Chemical nature

: Modified Isocyanate Prepolymer

Hazardous components

Component	CAS-No.	Concentration (%)
Isocyanates	101-68-8	>= 15 - < 16
Polymeric MDI	9016-87-9	>= 11 - < 12
Methylenediphenyl diisocyanate	26447-40-5	>= 6 - < 7

SECTION 4. FIRST AID MEASURES

General advice	: Move out of dangerous area. Show this safety data sheet to the doctor in attendance. Do not leave the victim unattended.
If inhaled	: Call a physician or poison control centre immediately. If unconscious, place in recovery position and seek medical advice.
In case of skin contact	: If skin irritation persists, call a physician. If on skin, rinse well with water. If on clothes, remove clothes.
In case of eye contact	 Immediately flush eye(s) with plenty of water. Remove contact lenses. Protect unharmed eye. Keep eye wide open while rinsing. If eye irritation persists, consult a specialist.
If swallowed	 Induce vomiting immediately and call a physician. Keep respiratory tract clear. Do not give milk or alcoholic beverages. Never give anything by mouth to an unconscious person. If symptoms persist, call a physician. Take victim immediately to hospital.

SECTION 5. FIREFIGHTING MEASURES

Unsuitable extinguishing media	:	High volume water jet
Further information	:	Standard procedure for chemical fires. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
Special protective equipment	:	Wear self-contained breathing apparatus for firefighting if

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Advice on safe handling: Avoid formation of aerosol. Do not breathe vapours/dust. Avoid exposure - obtain special instructions before use. Avoid contact with skin and eyes. For personal protection see section 8. Smoking, eating and drinking should be prohibited in the application area. Provide sufficient air exchange and/or exhaust in work rooms. Dispose of rinse water in accordance with local and national regulations. Persons susceptible to skin sensitisation problems or asthma, allergies, chronic or recurrent respiratory disease should not be employed in any process in which this mixture is being used.Conditions for safe storage: Store under conditions specified on the product Technical Data Sheet to maintain product quality. Keep container tightly closed in a dry and well-ventilated place. Observe label precautions. Electrical installations / working materials must comply with the technological safety standards.	Version 1	Revision Da	ate 01/15/2018	Pri	nt Date 01/15/2018
 Personal precautions, protective equipment and emergency procedures Environmental precautions Prevent product from entering drains. Prevent further leakage or spillage if safe to do so. If the product contaminates rivers and lakes or drains inform respective authorities. Methods and materials for containment and cleaning up Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Keep in suitable, closed containers for disposal. Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Keep in suitable, closed containers for disposal. ECTION 7. HANDLING AND STORAGE Advice on safe handling Avoid formation of aerosol. Do not breathe vapours/dust. Avoid contact with skin and eyes. For personal protection see section 8. Smoking, eating and drinking should be prohibited in the application area. Provide sufficient air exchange and/or exhaust in work rooms. Dispose of rinse water in accordance with local and national regulations. Persones susceptible to skin sensitisation problems or asthma, allergies, chronic or recurrent respiratory disease should not be employed in any process in which this mixture is being used. Conditions for safe storage Store under conditions specified on the product Technical Data Sheet to maintain product quality. Keep container tightly closed in a dry and well-ventilated place. Observe label precautions. Electrical installations / working materials must comply with the technological safety standards. 	for firefighters	necessary.			
protective equipment and emergency procedures Ensure adequate ventilation. Environmental precautions Prevent product from entering drains. Prevent further leakage or spillage if safe to do so. If the product contaminates rivers and lakes or drains inform respective authorities. Methods and materials for containment and cleaning up Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Keep in suitable, closed containers for disposal. FECTION 7. HANDLING AND STORAGE Advice on safe handling Avoid formation of aerosol. Do not breathe vapours/dust. Avoid exposure - obtain special instructions before use. Avoid contact with skin and eyes. For personal protection see section 8. Smoking, eating and drinking should be prohibited in the application area. Provide sufficient air exchange and/or exhaust in work rooms. Dispose of rinse water in accordance with local and national regulations. Persons susceptible to skin sensitisation problems or asthma, allergies, chronic or recurrent respiratory disease should not be employed in any process in which this mixture is being used. Conditions for safe storage Store under conditions specified on the product Technical Data Sheet to maintain product quality. Keep container tightly closed in a dry and well-ventilated place. Observe label precautions. Electrical installations / working materials must comply with the technological safety standards.	ECTION 6. ACCIDENTAL RELEA	SE MEASURES	3		
 Prevent further leakage or spillage if safe to do so. If the product contaminates rivers and lakes or drains inform respective authorities. Methods and materials for containment and cleaning up Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Keep in suitable, closed containers for disposal. SECTION 7. HANDLING AND STORAGE Advice on safe handling Avoid formation of aerosol. Do not breathe vapours/dust. Avoid exposure - obtain special instructions before use. Avoid contact with skin and eyes. For personal protection see section 8. Smoking, eating and drinking should be prohibited in the application area. Provide sufficient air exchange and/or exhaust in work rooms. Dispose of rinse water in accordance with local and national regulations. Persons susceptible to skin sensitisation problems or asthma, allergies, chronic or recurrent respiratory disease should not be employed in any process in which this mixture is being used. Conditions for safe storage Store under conditions specified on the product Technical Data Sheet to maintain product quality. Keep container tightly closed in a dry and well-ventilated place. Observe label precautions. Electrical installations / working materials must comply with the technological safety standards. 	protective equipment and			oment.	
containment and cleaning up acid binder, universal binder, sawdust). Keep in suitable, closed containers for disposal. SECTION 7. HANDLING AND STORAGE Advice on safe handling : Avoid formation of aerosol. Do not breathe vapours/dust. Avoid exposure - obtain special instructions before use. Avoid contact with skin and eyes. For personal protection see section 8. Smoking, eating and drinking should be prohibited in the application area. Provide sufficient air exchange and/or exhaust in work rooms. Dispose of rinse water in accordance with local and national regulations. Persons susceptible to skin sensitisation problems or asthma, allergies, chronic or recurrent respiratory disease should not be employed in any process in which this mixture is being used. Conditions for safe storage : Store under conditions specified on the product Technical Data Sheet to maintain product quality. Keep container tightly closed in a dry and well-ventilated place. Observe label precautions. Electrical installations / working materials must comply with the technological safety standards. SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION	Environmental precautions	Prevent furth If the produc	er leakage or spi t contaminates riv	llage if safe to do	
Advice on safe handling : Avoid formation of aerosol. Do not breathe vapours/dust. Avoid exposure - obtain special instructions before use. Avoid contact with skin and eyes. For personal protection see section 8. Smoking, eating and drinking should be prohibited in the application area. Provide sufficient air exchange and/or exhaust in work rooms. Dispose of rinse water in accordance with local and national regulations. Persons susceptible to skin sensitisation problems or asthma, allergies, chronic or recurrent respiratory disease should not be employed in any process in which this mixture is being used. Conditions for safe storage : Store under conditions specified on the product Technical Data Sheet to maintain product quality. Keep container tightly closed in a dry and well-ventilated place. Observe label precautions. Electrical installations / working materials must comply with the technological safety standards. SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION		acid binder,	universal binder,	sawdust).	-
 Do not breathe vapours/dust. Avoid exposure - obtain special instructions before use. Avoid contact with skin and eyes. For personal protection see section 8. Smoking, eating and drinking should be prohibited in the application area. Provide sufficient air exchange and/or exhaust in work rooms. Dispose of rinse water in accordance with local and national regulations. Persons susceptible to skin sensitisation problems or asthma, allergies, chronic or recurrent respiratory disease should not be employed in any process in which this mixture is being used. Conditions for safe storage Store under conditions specified on the product Technical Data Sheet to maintain product quality. Keep container tightly closed in a dry and well-ventilated place. Observe label precautions. Electrical installations / working materials must comply with the technological safety standards. 	ECTION 7. HANDLING AND STO	RAGE			
Data Sheet to maintain product quality. Keep container tightly closed in a dry and well-ventilated place. Observe label precautions. Electrical installations / working materials must comply with the technological safety standards.	Advice on safe handling	Do not breat Avoid expose Avoid contac For personal Smoking, ea application a Provide suffi Dispose of ri regulations. Persons sus allergies, chi be employed	he vapours/dust. ure - obtain speci to with skin and en protection see s ting and drinking rea. cient air exchang nse water in acco ceptible to skin se ronic or recurrent	yes. ection 8. should be prohib e and/or exhaust ordance with loca ensitisation proble respiratory disea	ited in the in work rooms. I and national ems or asthma, se should not
		Data Sheet t Keep contair place. Observe labo Electrical ins the technolog	o maintain produ ner tightly closed el precautions. tallations / workir gical safety stand	ct quality. in a dry and well- ng materials must	ventilated
Components CAS-No. Value type (Form of Control parameters / Basis			Value type		Basis

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		exposure)	Permissible concentration	
Isocyanates	101-68-8	TWA	0.005 ppm	ACGIH
Isocyanates	101200-0	C	0.003 ppm 0.02 ppm	OSHA Z-1
		-	0.2 mg/m3	
Methylenediphenyl	26447-40-5	С	0.02 ppm	OSHA Z-1
diisocyanate			0.2 mg/m3	
Methylenediphenyl diisocyanate		С	0.02 ppm 0.2 mg/m3	OSHA P0
Engineering measures	All applicatio applicable O Isocyanates Repeated ov	Use with adequate ventilation. All application areas should be ventilated in accordance with applicable OSHA regulations. (29 CFR 1910.94) Isocyanates may be released during the curing process. Repeated overexposure to isocyanates can cause respiratory tract sensitization.		
Personal protective equipn	nent			
Respiratory protection	: In the case c approved filte		ion use a respirato	or with an
Hand protection Remarks	: The suitabilit with the prod	y for a specific v lucers of the pro	workplace should l otective gloves.	be discussed
Eye protection	Tightly fitting	ttle with pure w safety goggles nield and protec	ater tive suit for abnorr	nal processing
Skin and body protection		<pre>/ protection acc</pre>	ording to the amou ous substance at th	
Hygiene measures	When using	do not eat or dr do not smoke. before breaks a	ink. and at the end of w	vorkday.
TION 9. PHYSICAL AND CH	IEMICAL PROPER	RTIES		
Appearance	: liquid			
Odour Threshold	: No data ava	ilable		
рН	: No data ava	ilable		
Melting point/freezing point	: No data ava	ilable		

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Initial boiling point and boiling range	:	No data available	
Vapour pressure	:	No data available	
Flash point	:	> 201 °F (> 94 °C) Method: No information available. Information taken from reference work	s and the literature
Upper explosion limit	:	No data available	
Lower explosion limit	:	No data available	
Evaporation rate	:	No data available	
Flammability (solid, gas)	:	No data available	
Relative vapour density	:	No data available	
Relative Density/Specific Gravity	:	No data available	
Density	:	1.1 g/cm3 (77 °F (25 °C))	
Solubility(ies) Water solubility	:	No data available	
Solubility in other solvents	:	No data available	
Partition coefficient: n- octanol/water	:	No data available	
Auto-ignition temperature	:	No data available	
Thermal decomposition	:	No data available	
Viscosity Viscosity, dynamic	:	No data available	
Viscosity, kinematic	:	> 22 mm2/s (104 °F (40 °C))	
CTION 10. STABILITY AND RE	AC	ΤΙVΙΤΥ	
Reactivity	:	No decomposition if stored and applie	d as directed.
Chemical stability	:	No decomposition if stored and applie	d as directed.
Possibility of hazardous	:	No decomposition if stored and applie	d as directed.

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CONASHIELD CS-212 Part A Urethane Prepolymer Version 1 Revision Date 01/15/2018 Print Date 01/15/2018 reactions Conditions to avoid : No data available Hazardous decomposition : Carbon monoxide in a fire. products Nitrogen oxides in a fire. Isocyanates may be a product of decomposition. **SECTION 11. TOXICOLOGICAL INFORMATION** Information on likely routes of exposure Acute toxicity Product: : Acute toxicity estimate : > 5,000 mg/kg Acute oral toxicity Method: Calculation method Acute inhalation toxicity : Acute toxicity estimate : 4.48 mg/l Exposure time: 4 h Test atmosphere: dust/mist Method: Calculation method **Components:** 101-68-8 Isocyanates: Acute oral toxicity : LD50 (Rat): 2,200 mg/kg LD50 (Rat, male and female): > 2,000 mg/kg Method: Tested according to Annex V of Directive 67/548/EEC. GLP: yes Acute inhalation toxicity : LC50 (Rat): 178 mg/l LC50 (Rat, male): 1.5 mg/l Exposure time: 4 h Test atmosphere: dust/mist Method: OECD Test Guideline 403 GLP: yes Acute dermal toxicity : (Rabbit): > 10,000 mg/kg 9016-87-9 Polymeric MDI: Acute oral toxicity : LD50 (Rat, male and female): > 10.000 mg/kg Method: OECD Test Guideline 401 Acute inhalation toxicity : LC50 (Rat, male and female): 0.31 mg/l Exposure time: 4 h Test atmosphere: dust/mist Method: OECD Test Guideline 403

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	Assessment: Harmful by inhalation.
Acute dermal toxicity :	LD50 (Rabbit, male and female): > 9,400 mg/kg Method: OECD Test Guideline 402
26447-40-5 Methylenediphenyl Acute oral toxicity	diisocyanate: LD50 (Rat): 15,000 mg/kg
Acute inhalation toxicity :	LC50 (Rat): 490 ppm
Acute dermal toxicity :	LD50 : Remarks: No data available
Skin corrosion/irritation Product: Remarks: May cause skin irritation	on and/or dermatitis.
<u>Components:</u> 101-68-8 Isocyanates: Species: Rabbit Result: Mild skin irritation	
Species: Rabbit Method: OECD Test Guideline 4 Result: No skin irritation GLP: yes	04
9016-87-9 Polymeric MDI: Species: Rabbit Method: OECD Test Guideline 4 Result: slight irritation	04
Serious eye damage/eye irritat	ion
Product: Remarks: May cause irreversible	eye damage.
Components: 101-68-8 Isocyanates: Species: Rabbit Result: Moderate eye irritation Method: Draize Test	
Species: Rabbit Result: No eye irritation Method: OECD Test Guideline 4	05
9016-87-9 Polymeric MDI:	

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Species: Rabbit Result: No eye irritation Method: OECD Test Guideline 405

Respiratory or skin sensitisation

Product:

Remarks: Causes sensitisation.

Components:

101-68-8 Isocyanates:

Species: Guinea pig Method: Draize Test Result: Causes sensitisation.

Test Type: Buehler Test Exposure routes: Dermal Species: Guinea pig Method: OECD Test Guideline 406 Result: Does not cause skin sensitisation. GLP: yes

9016-87-9 Polymeric MDI:

Test Type: Maximisation Test Exposure routes: Skin contact Species: Guinea pig Assessment: Does not cause skin sensitisation. Method: OECD Test Guideline 406 Result: negative

Test Type: Mouse Local Lymph Node assay (LLNA) Exposure routes: Skin contact Species: Mouse Assessment: May cause sensitisation by skin contact. Method: OECD Test Guideline 429 Result: positive

Exposure routes: intratracheal Species: Rat Assessment: May cause sensitisation by inhalation. Result: positive

Germ cell mutagenicity

Components:

101-68-8 Isocyanates: Genotoxicity in vitro

: Test Type: Ames test Test species: Salmonella typhimurium Metabolic activation: with and without metabolic activation Method: OECD Test Guideline 471

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		Result: negative	
Genotoxicity in vivo	-	Test Type: Micronucleus test Test species: Rat (male) Application Route: Inhalation Exposure time: 3x1 h/ day over 3 wee Method: OECD Test Guideline 474 Result: negative	ks
Germ cell mutagenicity- Assessment		In vitro tests did not show mutagenic en not show mutagenic effects	effects, In vivo tests did
9016-87-9 Polymeric MDI: Genotoxicity in vitro	- 	Test Type: Ames test Test species: Salmonella typhimurium Metabolic activation: with and without Method: OECD Test Guideline 471 Result: negative	
Genotoxicity in vivo	-	Test Type: Micronucleus test Test species: Rat (male) Application Route: Inhalation Exposure time: 3x1h/day over 3 week Method: OECD Test Guideline 474 Result: negative	s)
Germ cell mutagenicity- Assessment		In vitro tests did not show mutagenic en ot show mutagenic effects	effects, In vivo tests did
Carcinogenicity			
Components: 101-68-8 Isocyanates: Species: Rat, (male and fem Exposure time: 2 hrs Dose: 0 - 0,2 - 1 - 6 mg/m3 Frequency of Treatment: 6 h Method: OECD Test Guidelir	ours/ o		
Carcinogenicity - Assessment	: :	Suspected of causing cancer if inhale	d.
9016-87-9 Polymeric MDI: Species: Rat, (male and fem Application Route: Inhalation Exposure time: 2 h Dose: 0 - 0,2 - 1 - 6 mg/m3 Frequency of Treatment: 6 h Method: OECD Test Guidelir Test substance: see user de	ours/d ne 453		
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Carcinogenicity - Assessment	: Suspected of causing cancer if inha	aled.
IARC	No component of this product present equal to 0.1% is identified as probable human carcinogen by IARC.	
ACGIH	No component of this product present equal to 0.1% is identified as a carcino carcinogen by ACGIH.	
OSHA	No component of this product present equal to 0.1% is on OSHA's list of reg	
NTP	No component of this product present equal to 0.1% is identified as a known by NTP.	
Reproductive toxicity		
Components: 101-68-8 Isocyanates: Effects on foetal development	 Species: Rat, female Application Route: Inhalation Dose: 0 - 1 - 4 - 12 mg/m3 12 mg/m3 4 mg/m3 Number of exposures: 6 hours/day Method: OECD Test Guideline 414 	
Reproductive toxicity - Assessment	: Based on available data, the classi Did not show teratogenic effects in	
9016-87-9 Polymeric MDI: Effects on foetal development	 Species: Rat, female Application Route: Inhalation Exposure time: 20 days Dose: 0 - 1 - 4 - 12 mg/m3 12 mg/m3 4 mg/m3 Number of exposures: 6 hours/day Method: OECD Test Guideline 414 	
Reproductive toxicity - Assessment	: Based on available data, the classi Did not show teratogenic effects in	
STOT - single exposure		
Components:		
101-68-8 Isocyanates:		
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Exposure routes: Inhalation Target Organs: Respiratory Tract Assessment: May cause respiratory irritation.

9016-87-9 Polymeric MDI:

Exposure routes: Inhalation Target Organs: Respiratory organs Assessment: May cause respiratory irritation.

STOT - repeated exposure

Components:

101-68-8 Isocyanates: Exposure routes: Inhalation Target Organs: Respiratory Tract Assessment: May cause damage to organs through prolonged or repeated exposure.

9016-87-9 Polymeric MDI:

Exposure routes: Inhalation Target Organs: Respiratory Tract Assessment: May cause damage to organs through prolonged or repeated exposure.

Repeated dose toxicity

Components:

101-68-8 Isocyanates:

Species: Rat, male and female NOAEL: 0,2 mg/m3 Application Route: Inhalation Exposure time: 2 hrs Number of exposures: 6 hours/ day, 5 days/ week Dose: 0 - 0,2 - 1 - 6 mg/m3 Method: OECD Test Guideline 453 Target Organs: Lungs, Nasal inner lining

Repeated dose toxicity -: Harmful if inhaled., The product causes irritation of eyes, skin
and mucous membranes.

9016-87-9 Polymeric MDI:

Species: Rat, male and female NOAEL: 0,2 mg/m3 Application Route: Inhalation Exposure time: 2 h Number of exposures: 6 hours a day, 5 days a week Dose: 0 - 0,2 - 1 - 6 mg/m3 Method: OECD Test Guideline 453

Repeated dose toxicity -	:	Harmful if inhaled., The product causes irritation of eyes, skin
Assessment		and mucous membranes.

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Aspiration toxicity		
Components:		
101-68-8 Isocyanates:		
No aspiration toxicity classification	ion	
9016-87-9 Polymeric MDI: No aspiration toxicity classificati	ion	
Further information		
Product:		
Remarks: No data available		
CTION 12. ECOLOGICAL INFOR	RMATION	
Ecotoxicity		
No data available		
Persistence and degradability	/	
No data available		
Bioaccumulative potential		
No data available		
Mobility in soil		
No data available		
Other adverse effects		
No data available		
Product: Regulation	40 CFR Protection of Environment;	Part 82 Protection of
Regulation	Stratospheric Ozone - CAA Section	
Remarks	This product neither contains, nor w Class I or Class II ODS as defined I	
	Section 602 (40 CFR 82, Subpt. A,	
Additional ecological information	: No data available	
CTION 13. DISPOSAL CONSIDE	ERATIONS	
Disposal methods		
-	: WC: B	
Maata from residues	. Do not dianago of wasts into a	
Waste from residues	: Do not dispose of waste into sewer Do not contaminate ponds, waterwa	
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	chemical or used container. Send to a licensed waste managem	ent company.
Contaminated packaging	: Empty remaining contents. Dispose of as unused product. Do not re-use empty containers.	
CTION 14. TRANSPORT IN	FORMATION	
International Regulations		
IATA-DGR Not regulated as a dangero	us good	
IMDG-Code Not regulated as a dangero	us good	
Transport in bulk accordi Not applicable for product a	ng to Annex II of MARPOL 73/78 and the as supplied.	IBC Code
National Regulations		
49 CFR UN/ID/NA number Proper shipping name	 NA 3082 Other regulated substances, liquid, i (4,4'-methylenediphenyl diisocyana) 	
Class Packing group	: 9 : III	,
Labels	: Miscellaneous substances and articl	les

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EPCRA - Emergency Planning and Community Right-to-Know Act

US. EPA CERCLA Hazardous Substances (40 CFR 302)

Components	CAS-No.	Component RQ	Calculated product RQ
		(lbs)	(lbs)
Isocyanates	101-68-8	5000	33167

SARA 304 - Emergency Release Notification

This material does not contain any components with a section 304 EHS RQ.

US. EPA Emergency Planning and Community Right-To-Know Act (EPCRA) SARA Title III Section 302 Extremely Hazardous Substance (40 CFR 355, Appendix A)

This material does not contain any components with a SARA 302 RQ.

SARA 311/312 Hazards	:	Per the June 13, 2016 Federal Register notice, EPA
		harmonized the EPCRA 311/312 hazard categories with the

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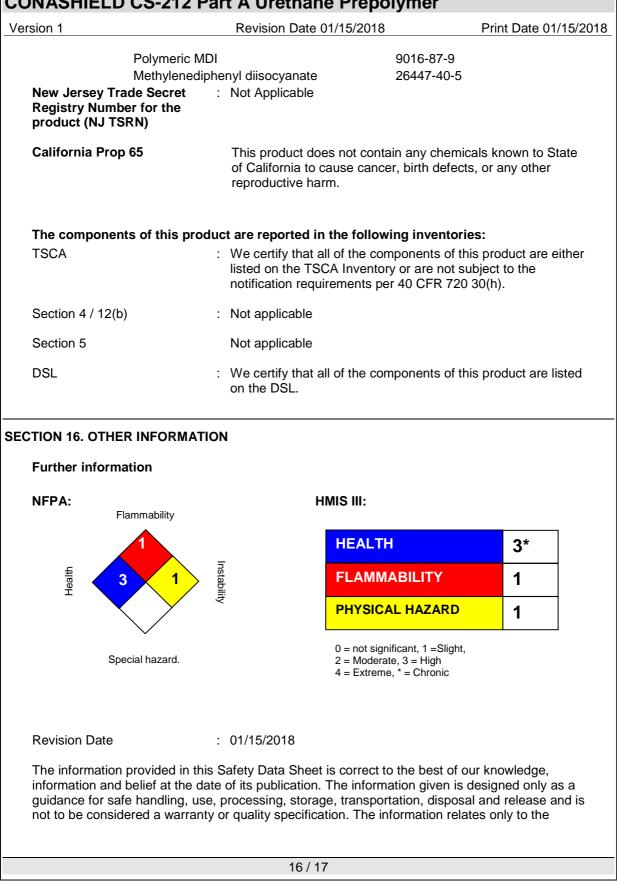
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Polymeric MDI 901 Clean Air Act The following chemical(s) are listed as HAP under the U.S. Clean A Isocyanates 101 This product does not contain any chemicals listed under the U.S. Clean A Isocyanates 101 This product does not contain any chemicals listed under the U.S. Clean Air Act Set Accidental Release Prevention (40 CFR 68.130, Subpart F). The following chemical(s) are listed under the U.S. Clean Air Act Set Final VOC's (40 CFR 60.489): Isocyanates 101 Non-volatile (Wt) : Refer to the product technical data US State Regulations 101 Massachusetts Right To Know 101 Pennsylvania Right To Know 101 MDI-polymethylenepolyphenyl isocyanate- 767 767 polypropylene glycol copolymer 101 Polymeric MDI 901	IS). Please refer t riate hazard categ subject to the repr ection 302. Ing toxic chemical(s Section 313 of Title authorization Act o 68-8 6-87-9	o Section 2 ories for orting s) subject e III of the f 1986 and 15.0 % 11.7 %
SARA 313 : This product contains the following to the reporting requirements of Superfund Amendments and Re 40 CFR part 372. Isocyanates 101 Polymeric MDI 901 Clean Air Act 101 The following chemical(s) are listed as HAP under the U.S. Clean A Isocyanates 101 This product does not contain any chemicals listed under the U.S. Clean A Isocyanates 101 The following chemical(s) are listed under the U.S. Clean Air Act Sciental Release Prevention (40 CFR 68.130, Subpart F). 101 The following chemical(s) are listed under the U.S. Clean Air Act Sciental Release Prevention (40 CFR 68.130, Subpart F). 101 Non-volatile (Wt) : Refer to the product technical da US State Regulations 101 Massachusetts Right To Know 101 Isocyanates 101 Pennsylvania Right To Know 101 Polymeric MDI 901 Polymeric MDI 901 Polymeric MDI 901 Methylenediphenyl diisocyanate 264 Benzoyl Chloride 98-1	ection 302. Ig toxic chemical(s Section 313 of Title authorization Act o 68-8 5-87-9	s) subject e III of the f 1986 and 15.0 % 11.7 %
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CONASHIELD CS-212 Part A Urethane Prepolymer

C ELANTAS

Flectrical Insulation





CONASHIELD CS-212 Part A Urethane Prepolymer

Version 1

Revision Date 01/15/2018

Print Date 01/15/2018

specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.