

Versior 1.3	Revision Date: 04/29/2021		DS Number: 89438-00004	Date of last issue: 09/17/2020 Date of first issue: 03/19/2020			
SECTION 1. IDENTIFICATION							
Pr	Product name		: Denka Chloroprene (Refer to appendix)				
Ма	anufacturer or supplier's	s deta	ails				
Co	Company name of supplier		Denka Corporation Louisiana Office				
Ac	Address		560 Highway 44 LaPlace, LA USA NY 70068				
Те	lephone	:	+1-985-536-7400				
Er	Emergency telephone		+1-985-536-7400 (Central time zone, UTC-5)				
E-	E-mail address		sales@denka.us.com				
Re	commended use of the	chen	nical and restrictio	ons on use			
Re	Recommended use		Polymer				

SECTION 2. HAZARDS IDENTIFICATION

GHS classification in accordance with the OSHA Hazard Communication Standard (29 CFR
1910.1200)	

Specific target organ toxicity : Category 2 (Liver) - repeated exposure

GHS label elements Hazard pictograms	:	
Signal Word	:	Warning
Hazard Statements	:	H373 May cause damage to organs (Liver) through prolonged or repeated exposure.
Precautionary Statements	:	Prevention: P260 Do not breathe dust, fume, gas, mist, vapors or spray.
		Response:
		P314 Get medical attention if you feel unwell.
		Disposal: P501 Dispose of contents and container to an approved waste disposal plant.

Other hazards

None known.



Version 1.3	Revision Date: 04/29/2021	-			of last issue: 09/17/2020 of first issue: 03/19/2020		
SECTION	SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS						
Sub	stance / Mixture	:	Mixture				
Com	nponents						
Chei	mical name		CAS-No.		Concentration (% w/w)		
Rosi			8050-09-7		< 5.5		
Disu	lfiram		97-77-8		< 1.5		
SECTION	N 4. FIRST AID MEASUF	RES					
Gen	eral advice	:	vice immediately.		or if you feel unwell, seek medical ad- or in all cases of doubt seek medical		
lf inf	naled	:	If inhaled, remove to fresh air. Get medical attention if symptoms occur.				
In ca	ase of skin contact	:	 In case of contact, immediately flush skin with soap and of water. Get medical attention if symptoms occur. 				
In ca	ase of eye contact	:	Flush eyes with water as a precaution. Get medical attention if irritation develops and persists.				
lf sw	allowed	:	 If swallowed, DO NOT induce vomiting. Get medical attention if symptoms occur. Rinse mouth thoroughly with water. 				
	t important symptoms effects, both acute and yed	:	: May cause damage to organs through prolonged or repeated exposure.				
Prot	ection of first-aiders	:	and use the recom	mende	ould pay attention to self-protection, ed personal protective equipment (posure exists (see section 8).		
Note	es to physician	:	Treat symptomatic	ally ar	nd supportively.		

SECTION 5. FIRE-FIGHTING MEASURES

Suitable extinguishing media	:	Water spray Alcohol-resistant foam Carbon dioxide (CO2) Dry chemical
Unsuitable extinguishing media	:	None known.
Specific hazards during fire fighting	:	Exposure to combustion products may be a hazard to health.



Version 1.3	Revision Date: 04/29/2021		DS Number: 89438-00004	Date of last issue: 09/17/2020 Date of first issue: 03/19/2020
Hazardous combustion prod- ucts		:	Carbon oxides Chlorine compour Sulfur oxides Nitrogen oxides (N	
Spec ods	cific extinguishing meth-	:	cumstances and t Use water spray t	measures that are appropriate to local cir- he surrounding environment. o cool unopened containers. ged containers from fire area if it is safe to do
•	cial protective equipment re-fighters	:	In the event of fire Use personal prot	e, wear self-contained breathing apparatus. ective equipment.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protec- tive equipment and emer- gency procedures	:	Use personal protective equipment. Follow safe handling advice (see section 7) and personal pro- tective equipment recommendations (see section 8).
Environmental precautions	:	Avoid release to the environment. Prevent further leakage or spillage if safe to do so. Retain and dispose of contaminated wash water. Local authorities should be advised if significant spillages cannot be contained.
Methods and materials for containment and cleaning up	:	Sweep up or vacuum up spillage and collect in suitable con- tainer for disposal. Local or national regulations may apply to releases and dispo- sal of this material, as well as those materials and items em- ployed in the cleanup of releases. You will need to determine which regulations are applicable. Sections 13 and 15 of this SDS provide information regarding certain local or national requirements.

SECTION 7. HANDLING AND STORAGE

Technical measures	:	See Engineering measures under EXPOSURE CONTROLS/PERSONAL PROTECTION section.
Local/Total ventilation	:	Use only with adequate ventilation.
Advice on safe handling	:	Do not breathe dust, fume, gas, mist, vapors or spray. Do not swallow. Avoid contact with eyes. Avoid prolonged or repeated contact with skin. Handle in accordance with good industrial hygiene and safety practice, based on the results of the workplace exposure as- sessment Take care to prevent spills, waste and minimize release to the environment.



Versior 1.3	Revision Date: 04/29/2021		DS Number: 89438-00004	Date of last issue: 09/17/2020 Date of first issue: 03/19/2020
Co	nditions for safe storage	:		abeled containers. ce with the particular national regulations.
Materials to avoid		:	Do not store with the following product types: Strong oxidizing agents	
	commended storage tem- rature	:	41 - 77 °F / 5 - 25	°C

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Components	CAS-No.	Value type	Control parame-	Basis
		(Form of	ters / Permissible	
		exposure)	concentration	
Rosin	8050-09-7	TWA	0.1 mg/m ³	NIOSH REL
			(Formaldehyde)	
Disulfiram	97-77-8	TWA	2 mg/m ³	ACGIH
		TWA	2 mg/m ³	NIOSH REL

Ingredients with workplace control parameters

 Engineering measures
 Ensure adequate ventilation, especially in confined areas. Minimize workplace exposure concentrations. Dust formation may be relevant in the processing of this product. In addition to substance-specific OELs, general limitations of concentrations of particulates in the air at workplaces have to be considered in workplace risk assessment. Relevant limits include: OSHA PEL for Particulates Not Otherwise Regulated of 15 mg/m3 - total dust, 5 mg/m3 - respirable fraction; and ACGIH TWA for Particles (insoluble or poorly soluble) Not Otherwise Specified of 3 mg/m3 - respirable particles, 10 mg/m3 - inhalable particles.

Personal protective equipment

Respiratory protection : General and local exhaust ventilation is recommended to maintain vapor exposures below recommended limits. Where concentrations are above recommended limits or are unknown, appropriate respiratory protection should be worn. Follow OSHA respirator regulations (29 CFR 1910.134) and use NIOSH/MSHA approved respirators. Protection provided by air purifying respirators against exposure to any hazar-dous chemical is limited. Use a positive pressure air supplied respirator if there is any potential for uncontrolled release, exposure levels are unknown, or any other circumstance where air purifying respirators may not provide adequate protection.

Hand protection

Material	:	Chemical-resistant gloves

Remarks : For prolonged or repeated contact use protective gloves.



Version 1.3	Revision Date: 04/29/2021		95 Number: 89438-00004	Date of last issue: 09/17/2020 Date of first issue: 03/19/2020
			on the concentrati time is not determ For special applic sistance to chemi	protect hands against chemicals depending ion specific to place of work. Breakthrough ined for the product. Change gloves often! ations, we recommend clarifying the re- cals of the aforementioned protective glo- manufacturer. Wash hands before breaks workday.
Eye protection		:	Wear the following Safety glasses	g personal protective equipment:
Skin and body protection		:	: Skin should be washed after contact.	
Hygiene measures		:	eye flushing syste king place. When using do no	emical is likely during typical use, provide ems and safety showers close to the wor- ot eat, drink or smoke. ed clothing before re-use.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	:	chips
Color	:	White to light yellow
Odor	:	slight
Odor Threshold	:	No data available
рН	:	No data available
Melting point/freezing point	:	No data available
Initial boiling point and boiling range	:	No data available
Flash point	:	Not applicable
Evaporation rate	:	Not applicable
Flammability (solid, gas)	:	Not classified as a flammability hazard
Upper explosion limit / Upper flammability limit	:	No data available
Lower explosion limit / Lower flammability limit	:	No data available
Vapor pressure	:	Not applicable

SAFETY DATA SHEET



Denka Chloroprene (Refer to appendix)

Versio 1.3	on	Revision Date: 04/29/2021		S Number: 9438-00004	Date of last issue: 09/17/2020 Date of first issue: 03/19/2020
F	Relative	vapor density	:	Not applicable	
[Density		:	1.2 - 1.3 g/cm ³	
S	Solubilit Wat	ty(ies) er solubility	:	insoluble	
	Solu	bility in other solvents	:	soluble Solvent: toluene	
-	Partitior	n coefficient: n- /water	:	Not applicable	
A	Autoign	ition temperature	:	No data available	
C	Decomp	position temperature	:		50 °C r mixture is not classified self-reactive.
١	Viscosi [.] Visc	ty osity, kinematic	:	Not applicable	
E	Explosi	ve properties	:	Not explosive	
C	Oxidizir	ng properties	:	The substance of	r mixture is not classified as oxidizing.
F	Particle	size	:	No data available	

SECTION 10. STABILITY AND REACTIVITY

Reactivity	:	Not classified as a reactivity hazard.
Chemical stability	:	Stable under normal conditions.
Possibility of hazardous reac- tions	:	Can react with strong oxidizing agents.
Conditions to avoid	:	None known.
Incompatible materials	:	Oxidizing agents
Hazardous decomposition products	:	No hazardous decomposition products are known.

SECTION 11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Skin contact Ingestion Eye contact

Acute toxicity

Not classified based on available information.



rsion	Revision Date: 04/29/2021	SDS Nun 5389438-		Date of last issue: 09/17/2020 Date of first issue: 03/19/2020
<u>Produ</u>	<u>ıct:</u>			
Acute	oral toxicity		e toxicity estin od: Calculation	nate: > 5,000 mg/kg n method
Acute	inhalation toxicity	Expos Test a	e toxicity estin sure time: 4 h atmosphere: d od: Calculation	dust/mist
<u>Comp</u>	onents:			
Rosin	:			
Acute	oral toxicity	: LD50	(Rat): 2,800	mg/kg
Acute	dermal toxicity	Metho	ssment: The s	0 mg/kg st Guideline 402 substance or mixture has no acute derma
Disulf	iram:			
Acute	oral toxicity	: LD50	(Rat): 500 m	g/kg
Acute	inhalation toxicity	Expos Test a	(Rat, female) sure time: 4 h atmosphere: d arks: Based o	-
Acute	dermal toxicity			,000 mg/kg substance or mixture has no acute derma
Skin o	corrosion/irritation			
	assified based on av	ailable information	ation.	
<u>Comp</u>	onents:			
Rosin	:			
Specie Metho Result	d		t D Test Guideli kin irritation	ine 404
Disulf	iram:			
Speci		: Rabbi	t	
Result			kin irritation	
Serio	us eye damage/eye	irritation		
	assified based on av		ation.	
<u>Comp</u>	oonents:			
Rosin	:			
	es	: Rabbi		



Version 1.3	Revision Date: 04/29/2021	-	OS Number: 89438-00004	Date of last issue: 09/17/2020 Date of first issue: 03/19/2020			
Resul Metho	-	:	No eye irritation OECD Test Guide	eline 405			
Disul	firam:						
Speci Resul		:	Rabbit No eye irritation				
_	De minstern, en chin consitientien						
-	iratory or skin sensi	tizatio	n				
	sensitization lassified based on ava	ailable	information.				
-	iratory sensitization lassified based on ava		information.				
Produ	uct:						
Test Speci Asses Metho Resul GLP	es ssment od		Maximization Tes Guinea pig Does not cause s OECD Test Guide Not a skin sensiti yes	skin sensitization. eline 406			
<u>Com</u> p	oonents:						
Rosin	1:						
Asses Rema	ssment ırks	:		dence of skin sensitization in humans hised classification in EU regulation x VI			
Disul	firam:						
Test ⁻	Type is of exposure es t	:	Split adjuvant tes Skin contact Guinea pig positive Based on data fro	t om similar materials			
Asses	ssment	:	Probability or evid	dence of skin sensitization in humans			
Not c	n cell mutagenicity lassified based on ava conents:	ailable	information.				
Rosin Genot	i: toxicity in vitro	:	••	rial reverse mutation assay (AMES) est Guideline 471			
Disul	firam:						
Geno	toxicity in vitro	:	Test Type: Bacte Result: positive	rial reverse mutation assay (AMES)			
			8 / 16				



Vers 1.3	ion	Revisio 04/29/2	on Date: 2021		S Number: 39438-00004	Date of last issue: 09/17/2020 Date of first issue: 03/19/2020
	•		Result: positive Test Type: Chrom Method: OECD Te Result: negative Remarks: Based of Test Type: Mamm	mammalian cell gene mutation test osome aberration test in vitro st Guideline 473 on data from similar materials alian spermatogonial chromosome aberra-		
				tion test (in vivo) Species: Mouse Application Route: Ingestion Method: OECD Test Guideline 483 Result: negative Remarks: Based on data from similar materials		
	Carcino Not clas	-	ty based on availal	ble	information.	
	<u>Compo</u>	nents:				
	Disulfir	am:				
	Species Applicat Exposu Result	tion Rou	ute	:	Rat Ingestion 107 weeks negative	
	IARC					at levels greater than or equal to 0.1% is nfirmed human carcinogen by IARC.
	OSHA				this product presen regulated carcinoge	t at levels greater than or equal to 0.1% is ens.
	NTP				nis product present own or anticipated o	at levels greater than or equal to 0.1% is arcinogen by NTP.
	-		toxicity based on availa	ble	information.	
	<u>Compo</u>	nents:				
	Rosin:					
	Effects	on fertil	ity	:	Test Type: Reproc test Species: Rat Application Route: Method: OECD Te Result: negative	-
	Effects	on fetal	development	:	Test Type: Reproc test Species: Rat Application Route:	uction/Developmental toxicity screening



rsion 3	Revision Date: 04/29/2021		0S Number: 89438-00004	Date of last issue: 09/17/2020 Date of first issue: 03/19/2020
			Method: OECD Result: negative	Test Guideline 421
Disul	firam:			
Effect	s on fertility	:	Species: Rat Application Rou Result: negative	
Effect	s on fetal development	:	Species: Rabbi Application Rou Method: OECD Result: negative	ite: Ingestion Test Guideline 414
	-single exposure lassified based on avail	able	information.	
	-repeated exposure	s (Liv	er) through prol	onged or repeated exposure.
-	oonents:	0 (,	
Disul	firam:			
	es of exposure	:	Ingestion	
-	t Organs	:	Liver Shown to produ	
Asses	ssment	•		ice significant health effects in animals at co 10 to 100 mg/kg bw.
	ssment ated dose toxicity			
Repe		·		
Repe <u>Com</u> t	ated dose toxicity	•		
Repe <u>Comp</u> Disult Speci	ated dose toxicity <u>conents:</u> firam: es	:	centrations of >	
Repe <u>Comp</u> Disult Speci LOAE	ated dose toxicity <u>conents:</u> firam: es :L	:	Centrations of > Dog > 2.5 mg/kg	
Repe <u>Comp</u> Disuli Speci LOAE Applic	ated dose toxicity <u>conents:</u> firam: es :L cation Route		centrations of >	
Repe <u>Comp</u> Disuli Speci LOAE Applic	ated dose toxicity <u>conents:</u> firam: es EL cation Route sure time	:	Centrations of > Dog > 2.5 mg/kg Ingestion 52 Weeks	
Repe Comp Disult Speci LOAE Applic Expos	ated dose toxicity ponents: firam: es :L cation Route sure time arks	:	Centrations of > Dog > 2.5 mg/kg Ingestion 52 Weeks	.10 to 100 mg/kg bw.
Repe Comp Disult Speci LOAE Applic Expos Rema Speci LOAE	ated dose toxicity <u>conents:</u> firam: es EL cation Route sure time trks es EL	:	Centrations of > Dog > 2.5 mg/kg Ingestion 52 Weeks Based on data Rabbit > 800 mg/kg	.10 to 100 mg/kg bw.
Repe Comp Disult Speci LOAE Applic Expos Rema Speci LOAE Applic	ated dose toxicity <u>conents:</u> firam: es EL cation Route sure time urks es		Centrations of > Dog > 2.5 mg/kg Ingestion 52 Weeks Based on data Rabbit	.10 to 100 mg/kg bw.

Aspiration toxicity

Not classified based on available information.



ersion .3	Revision Date: 04/29/2021		98 Number: 89438-00004	Date of last issue: 09/17/2020 Date of first issue: 03/19/2020
ECTION '	12. ECOLOGICAL INFO	ORN	IATION	
Factor	violty			
Ecoto	-			
Produ Toxicit	<u>ct:</u> y to fish		LC50 (Zebrafish):	> 100 mg/l
TOXICIL			Exposure time: 9	
	y to daphnia and other c invertebrates	:	Exposure time: 4	nagna (Water flea)): > 100 mg/l 8 h est Guideline 202
Toxicit plants	y to algae/aquatic	:	Exposure time: 7	mus subspicatus (green algae)): > 100 mg/ 2 h 67/548/EEC, Annex V, C.3.
			Exposure time: 7	smus subspicatus (green algae)): > 1 mg/l 2 h est Guideline 201
Toxicit icity)	y to fish (Chronic tox-	:	NOEC (Zebrafish) Exposure time: 9 GLP: yes	
	y to daphnia and other c invertebrates (Chron- city)	:	NOEC (Daphnia Exposure time: 4 GLP: yes	magna (Water flea)): > 1 mg/l 8 h
<u>Comp</u>	onents:			
Rosin				
Toxicit	y to fish	:	Exposure time: 9 Test substance: \	(zebra fish)): > 1 - < 10 mg/l 6 h Vater Accommodated Fraction est Guideline 203
	y to daphnia and other c invertebrates	:	Exposure time: 4 Test substance:	agna (Water flea)): 911 mg/l 8 h Vater Accommodated Fraction est Guideline 202
Toxicit plants	y to algae/aquatic	:	1,000 mg/l Exposure time: 7 Test substance:	kirchneriella subcapitata (green algae)): > 2 h Water Accommodated Fraction est Guideline 201
Toxicit	y to microorganisms	:	EC50: > 10,000 r Exposure time: 3	



sion	Revision Date: 04/29/2021	-	DS Number:Date of last issue: 09/17/202089438-00004Date of first issue: 03/19/2020
			Method: OECD Test Guideline 209
Disulfi	ram:		
Toxicit	y to fish	:	LC50 (Poecilia reticulata (guppy)): 0.187 mg/l Exposure time: 96 h Method: OECD Test Guideline 203
	y to daphnia and other c invertebrates	:	LC50 (Daphnia magna (Water flea)): 0.12 mg/l Exposure time: 48 h Method: OECD Test Guideline 202
Toxicit plants	y to algae/aquatic	:	EbC50 (Pseudokirchneriella subcapitata (green algae)): > 0.01 - 0.1 mg/l Exposure time: 72 h
			Method: OECD Test Guideline 201 Remarks: Based on data from similar materials
Toxicit icity)	y to fish (Chronic tox-	:	NOEC (Pimephales promelas (fathead minnow)): > 0.001 0.01 mg/l Exposure time: 33 d Method: OECD Test Guideline 210
			Remarks: Based on data from similar materials
	y to daphnia and other c invertebrates (Chron- city)	:	NOEC (Daphnia magna (Water flea)): > 0.01 - 0.1 mg/l Exposure time: 21 d Method: OECD Test Guideline 211 Remarks: Based on data from similar materials
Toxicit	y to microorganisms	:	EC50: > 1 - 10 mg/l Exposure time: 3 h Method: OECD Test Guideline 209 Remarks: Based on data from similar materials
Persis	tence and degradabil	itv	
	onents:	,	
Rosin:			
	radability	:	Result: Readily biodegradable. Biodegradation: 71 % Exposure time: 28 d Method: OECD Test Guideline 301D
Disulfi	ram:		
Biodeg	radability	:	Result: Not readily biodegradable. Method: OECD Test Guideline 301D Remarks: Based on data from similar materials
Bioaco	cumulative potential		
Comp	onents:		
Rosin:			



Version 1.3	Revision Date: 04/29/2021	•	DS Number: 389438-00004	Date of last issue: 09/17/2020 Date of first issue: 03/19/2020	
Bioad	Bioaccumulation		•	nynchus mykiss (rainbow trout) n factor (BCF): < 100	
	Partition coefficient: n- octanol/water		log Pow: 3 - 6.2		
Disul	Disulfiram:				
Bioad	Bioaccumulation		Species: Oncorhynchus mykiss (rainbow trout) Bioconcentration factor (BCF): 225		
	Partition coefficient: n- octanol/water		log Pow: 3.6 Method: OECD	Test Guideline 107	
Mobi	lity in soil				
No da	ata available				
Othe	r adverse effects				
No da	ata available				
SECTION	13. DISPOSAL CON	SIDER	ATIONS		

Disposal methods Waste from residues	:	Dispose of in accordance with local regulations.
Contaminated packaging	:	Empty containers should be taken to an approved waste handling site for recycling or disposal. If not otherwise specified: Dispose of as unused product.

SECTION 14. TRANSPORT INFORMATION

International Regulations

UNRTDG

Not regulated as a dangerous good

IATA-DGR

Not regulated as a dangerous good

IMDG-Code

Not regulated as a dangerous good

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code Not applicable for product as supplied.

Domestic regulation

49 CFR Not regulated as a dangerous good

SECTION 15. REGULATORY INFORMATION

CERCLA Reportable Quantity

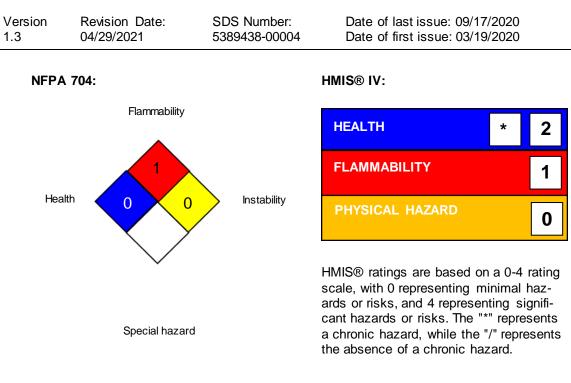
This material does not contain any components with a CERCLA RQ.



Version 1.3	Revision Date: 04/29/2021	SDS Number: 5389438-00004	Date of last issue Date of first issu			
	A 304 Extremely Haza material does not contai					
	A 302 Extremely Hazan material does not contai		-	•		
SAR	A 311/312 Hazards	organ toxicity (single	or repeated exposure)			
SAR	A 313	known CAS nur	This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.			
US S	state Regulations					
Peni	nsylvania Right To Kno	w				
	1,3-Butadiene, 2,3 butadiene	-dichloro-, polymer w	ith 2-chloro-1,3-	25067-95-2		
		hloro-, homopolymer		9010-98-4		
			loro-, polymer with sulfur			
	2-Propenoic acid, butadiene	2-methyl-, polymer w	ith 2-chloro-1,3-	25053-30-9		
	Rosin			8050-09-7		
	Disulfiram			97-77-8		
Calif	ornia List of Hazardou	s Substances				
	Rosin			8050-09-7		
	Disulfiram			97-77-8		
Calif	ornia Permissible Exp	osure Limits for Che	emical Contaminan	ts		
	Rosin			8050-09-7		
	Disulfiram			97-77-8		

SECTION 16. OTHER INFORMATION

Further information



Full text of other abbreviations

ACGIH	:	USA. ACGIH Threshold Limit Values (TLV)
NIOSH REL		USA. NIOSH Recommended Exposure Limits
ACGIH / TWA	:	8-hour, time-weighted average
NIOSH REL / TWA	:	Time-weighted average concentration for up to a 10-hour
		workday during a 40-hour workweek

AllC - Australian Inventory of Industrial Chemicals; ASTM - American Society for the Testing of Materials; bw - Body weight; CERCLA - Comprehensive Environmental Response, Compensation, and Liability Act; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DOT - Department of Transportation; DSL - Domestic Substances List (Canada); ECx - Concentration associated with x% response; EHS - Extremely Hazardous Substance; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with x% growth rate response: ERG - Emergency Response Guide; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; HMIS - Hazardous Materials Identification System; IARC -International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardization; KECI - Korea Existing Chemicals Inventory: LC50 - Lethal Concentration to 50 % of a test population: LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; MSHA - Mine Safety and Health Administration; n.o.s. - Not Otherwise Specified; NFPA - National Fire Protection Association; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NTP - National Toxicology Program; NZIoC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; RCRA - Resource Conservation and Recovery Act; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; RQ - Reportable



Vers 1.3	ion	Revision Date: 04/29/2021		98 Number: 89438-00004	Date of last issue: 09/17/2020 Date of first issue: 03/19/2020
	ments Invento United	and Reauthorization A ry; TSCA - Toxic Subs	.ct; tanc	SDS - Safety Data ces Control Act (Un	Temperature; SARA - Superfund Amend- Sheet; TCSI - Taiwan Chemical Substance ited States); UN - United Nations; UNRTDG - of Dangerous Goods; vPvB - Very Persistent
		s of key data used to the Material Safety heet	:		data, data from raw material SDSs, OECD rch results and European Chemicals Agen- opa.eu/
	Revisio	n Date	:	04/29/2021	
					s correct to the best of our knowledge, infor- nformation is designed only as a guidance for

mation and belief at the date of its publication. The information is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and shall not be considered a warranty or quality specification of any type. The information provided relates only to the specific material identified at the top of this SDS and may not be valid when the SDS material is used in combination with any other materials or in any process, unless specified in the text. Material users should review the information and recommendations in the specific context of their intended manner of handling, use, processing and storage, including an assessment of the appropriateness of the SDS material in the user's end product, if applicable.

US / Z8

SAFETY DATA SHEET

Denka

Denka Chloroprene (Refer to appendix)

Version	Revision Date:	SDS Number:	Date of last issue: 09/17/2020
1.3	04/29/2021	5389438-00004	Date of first issue: 03/19/2020

Denka Chloroprene safety DATA SHEET appendix

1.Identification (Grade name)

Chemical materi	al name	Polychloroprene	
Product name DENKA CHLOROPRENE		DENKA CHLOROPRENE	
Identification of	Substance	Classified as chloroprene rubber, a kind of synthetic rubber. This SDS applies to Polychloroprene.	
	P type	PM-40, PM-40NS, DCR-49, PS-40,	

2.Composition

Name of ingredient		CAS No.	Content
P type	Copolymer of chloroprene and sulfur	37450-42-3	92% or more
Rosin		8050-09-7	5.5% or less
P type	Tetraethylthiuramdisulfide	97-77-8	1.5% or less
Talc (asbestos not		14807-96-6	1% or less

3.REACH registration number

2-Chloro-1,3-butadiene ; 01-2119517567-33-0001