SAFETY DATA SHEET



	1. Product and Company Iden	tification	
Product identifier	Thermo-Trap Putty (4371-38)		
Other means of identification	Not available		
Recommended use	Heat absorbing putty		
Recommended restrictions	None known.		
Manufacturer information	Nu-Calgon 2611 Schuetz Road St. Louis, MO 63043 US Phone: 314-469-7000 / 800-554-5499 Emergency Phone: 1-800-424-9300 (CHEMT	REC)	
Supplier	See above.		
	2. Hazards Identificatio	on	
Physical hazards	Not classified.		
Health hazards	Not classified.		
Environmental hazards	Not classified.		
WHMIS 2015 defined hazards	Not classified		
Label elements			
Hazard symbol	None.		
Signal word	None.		
Hazard statement	The mixture does not meet the criteria for class	ssification.	
Precautionary statement			
Prevention	Observe good industrial hygiene practices.		
Response	Wash hands after handling.		
Storage	Store away from incompatible materials.		
Disposal	Dispose of waste and residues in accordance	e with local authority requirem	ents.
WHMIS 2015: Health Hazard(s) not otherwise classified (HHNOC)	None known		
WHMIS 2015: Physical Hazard(s) not otherwise classified (PHNOC)	None known		
Hazard(s) not otherwise classified (HNOC)	None known.		
Supplemental information	Not applicable.		
	3. Composition/Information on I	ngredients	
Mixture			
Chemical name	Common name and synonyms	CAS number	%
Aluminosilicate Refractory Cera Fibers	amic	142844-00-6	15-40*
Composition comments	Non-hazardous by WHMIS/OSHA criteria		
	US GHS: The exact percentage (concentration	on) of composition has been v	vithheld as a trade

US GHS: The exact percentage (concentration) of composition has been withheld as a trade secret in accordance with paragraph (i) of §1910.1200. *CANADA GHS: The exact percentage (concentration) of composition has been withheld as a trade secret.

	4. First Aid Measures
Inhalation	If symptoms develop move victim to fresh air. If symptoms persist, obtain medical attention.
Skin contact	Flush with cool water. Wash with soap and water. Obtain medical attention if irritation persists.
Eye contact	Flush with cool water. Remove contact lenses, if applicable, and continue flushing. Obtain medical attention if irritation persists.

5. Fire Fighting Measures			
General information	Avoid contact with eyes, skin and clothing. Wash contaminated clothing before reuse. Ensure that medical personnel are aware of the material(s) involved and take precautions to protect themselves. If you feel unwell, seek medical advice (show the label where possible).		
Indication of immediate medical attention and special treatment needed	Treat symptomatically.		
Most important symptoms/effects, acute and delayed	Direct contact with eyes may cause temporary irritation.		
Ingestion	Do NOT induce vomiting. If vomiting occurs naturally, have victim lean forward to reduce risk of aspiration. Never give anything by mouth if victim is unconscious or is convulsing. Obtain medical attention.		

Suitable extinguishing media	Treat for surrounding material.
Unsuitable extinguishing media	Not available.
Specific hazards arising from the chemical	During fire, gases hazardous to health may be formed.
Special protective equipment and precautions for firefighters	Self-contained breathing apparatus and full protective clothing must be worn in case of fire.
Fire-fighting equipment/instructions	Move containers from fire area if you can do so without risk.
Specific methods	Use standard firefighting procedures and consider the hazards of other involved materials.
General fire hazards	No unusual fire or explosion hazards noted.
Hazardous combustion products	May include and are not limited to: Oxides of carbon.
	6. Accidental Release Measures
Personal precautions, protective equipment and emergency procedures	Keep out of low areas. Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. For personal protection, see section 8 of the SDS.
Methods and materials for	Stop leak if you can do so without risk.
containment and cleaning up	Large Spills: Dike the spilled material, where this is possible. Cover with plastic sheet to prevent spreading. Absorb in vermiculite, dry sand or earth and place into containers. Prevent entry into waterways, sewer, basements or confined areas. Following product recovery, flush area with water
	. Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination.
	Never return spills to original containers for re-use. For waste disposal, see section 13 of the SDS.
Environmental precautions	Avoid discharge into drains, water courses or onto the ground.
	7. Handling and Storage
Precautions for safe handling	Use good industrial hygiene practices in handling this material. Keep out of reach of children. Store in a closed container away from incompatible materials. When using do not eat or drink. Avoid contact with eyes, skin and clothing.
Conditions for safe storage, including any incompatibilities	Store in original tightly closed container. Store away from incompatible materials (see Section 10 of the SDS). Keep out of the reach of children.
	8. Exposure Controls/Personal Protection

Occupational exposure limits

Components	Туре	Value	Form
Aluminosilicate Refractory Ceramic Fibers (CAS 142844-00-6)	TWA	0.2 fibers/cm3	Fiber.
·		5 mg/m3	Total particulate.
		5 mg/m3	Fiber, total

Components		Туре		Value	Form
Aluminosilicate Refractory Ceramic Fibers (CAS 142844-00-6)		TWA		0.2 fibers/cm3	Fiber.
				5 mg/m3	Inhalable fibers.
Canada. Manitoba OELs (F Components	Reg. 217/2006, T	he Workplace Type	e Safety And Health Ac	t) Value	Form
Aluminosilicate Refractory Ceramic Fibers (CAS 142844-00-6)		TWA		5 mg/m3	Inhalable fraction.
Canada. Ontario OELs. (Co Components	ontrol of Exposu	ire to Biologi Type	cal or Chemical Agents	s) Value	Form
Aluminosilicate Refractory Ceramic Fibers (CAS 142844-00-6)		TWA		0.5 fibers/ml	Respirable fibers.
·				5 mg/m3	Inhalable fraction.
Canada. Quebec OELs. (M Components	inistry of Labor	- Regulation Type	Respecting the Quality	of the Work Env Value	ironment) Form
Aluminosilicate Refractory Ceramic Fibers (CAS		TWA		1 fibers/cm3n	Fiber.
142844-00-6)				10 mg/m3	Total dust.
US. NIOSH: Pocket Guide Components	to Chemical Haz	zards Type		Value	Form
Aluminosilicate Refractory Ceramic Fibers (CAS 142844-00-6)		TWA		3 fibers/cm3	Fiber.
				3 fibers/cm3 5 mg/m3 5 mg/m3	Fibrous dust. Fiber, total fibers, total dust
ogical limit values	No biological	exposure limi	ts noted for the ingredier	nt(s).	
osure guidelines		non respirable ents listed abo	form. ve are inextricably boun	d and not biologic	ally available.
Canada - Alberta OELs: Sk	in designation				
1,4-Dioxane (CAS 123- Diethanolamine (CAS 1 Canada - British Columbia	11-42-2)	ignation	Can be absorbed th Can be absorbed th	•	
1,4-Dioxane (CAS 123- Diethanolamine (CAS 1	91-1)	ignation	Can be absorbed th Can be absorbed th		
Canada - Manitoba OELs:	-	n			
1,4-Dioxane (CAS 123- Diethanolamine (CAS 1 Canada - Ontario OELs: SI	11-42-2)		Can be absorbed th Can be absorbed th		
1,4-Dioxane (CAS 123- Diethanolamine (CAS 1 Canada - Quebec OELs: Sl	11-4 ² -2)		Can be absorbed th Can be absorbed th		
1,4-Dioxane (CAS 123- Diethanolamine (CAS 1	11-42-2)	nation	Can be absorbed th Can be absorbed th		
Canada - Saskatchewan O 1,4-Dioxane (CAS 123-	91-1)	nation	Can be absorbed th		
Diethanolamine (CAS 1 US ACGIH Threshold Limit		esignation	Can be absorbed th	rougn the skin.	
1,4-Dioxane (CAS 123- Diethanolamine (CAS 1	11-42-2)		Can be absorbed th Can be absorbed th		
US. OSHA Table Z-1 Limits		inants (29 CF	-	1	
1,4-Dioxane (CAS 123-	-	luontilation (+	Can be absorbed th	0	upped Vantilation rates
ropriate engineering trols	should be ma or other engir	atched to cond neering contro	itions. If applicable, use	process enclosure evels below recom	e used. Ventilation rates es, local exhaust ventilat mended exposure limits

Individual protection measures, such as personal protective equipment

Eye/face protection	Safety glasses if eye contact is possible.
Skin protection	
Hand protection	Impervious gloves. Confirm with reputable supplier first.
Other	Wear suitable protective clothing.
Respiratory protection	No personal respiratory protective equipment normally required.
Thermal hazards	Not available.
General hygiene considerations	Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

9. Physical and Chemical Properties

AppearancePuttyPhysical stateLiquid.FormPuttyColorBlueOdorNot available.Odor thresholdNot available.pH7Melting point/freezing pointNot available.Initial boiling point and boiling rangeNot available.Pour pointNot available.Specific gravityNot available.Partition coefficient (n-octanol/water)Not available.Flash pointNot available. </th <th></th>	
FormPuttyColorBlueOdorNot available.Odor thresholdNot available.pH7Melting point/freezing pointNot available.Initial boiling point and boiling rangeNot available.Pour pointNot available.Pour pointNot available.Specific gravityNot available.Partition coefficient (n-octanol/water)Not available.Flash pointNot available.Flash pointNot available.Fuamability (solid, gas)Not available.	
ColorBlueOdorNot available.Odor thresholdNot available.pH7Melting point/freezing pointNot available.Initial boiling point and boiling rangeNot available.Pour pointNot available.Specific gravityNot available.Partition coefficient (n-octanol/water)Not available.Flash pointNot available.Flash point	
OdorNot available.Odor thresholdNot available.pH7Melting point/freezing pointNot available.Initial boiling point and boiling rangeNot available.Pour pointNot available.Pour pointNot available.Specific gravityNot available.Partition coefficient (n-octanol/water)Not available.Flash pointNot applicable.	
Odor thresholdNot available.pH7Melting point/freezing pointNot available.Initial boiling point and boiling rangeNot available.Pour pointNot available.Pour pointNot available.Specific gravityNot available.Partition coefficient (n-octanol/water)Not available.Flash pointNot available. </th <td></td>	
pH7Melting point/freezing pointNot available.Initial boiling point and boilingNot available.Pour pointNot available.Specific gravityNot available.Partition coefficientNot available.Flash pointNot	
Melting point/freezing pointNot available.Initial boiling point and boiling rangeNot available.Pour pointNot available.Pour pointNot available.Specific gravityNot available.Partition coefficient (n-octanol/water)Not available.Flash pointNot available.Flash pointNot available.Evaporation rateNot available.Flammability (solid, gas)Not applicable.	
Initial boiling point and boiling rangeNot available.Pour pointNot available.Specific gravityNot available.Partition coefficient (n-octanol/water)Not available.Flash pointNot available.Evaporation rateNot available.Flammability (solid, gas)Not applicable.	
rangePour pointNot available.Specific gravityNot available.Partition coefficient (n-octanol/water)Not available.Flash pointNot available.Evaporation rateNot available.Flammability (solid, gas)Not applicable.	
Specific gravityNot available.Partition coefficient (n-octanol/water)Not available.Flash pointNot available.Evaporation rateNot available.Flammability (solid, gas)Not applicable.	
Partition coefficient (n-octanol/water)Not available.Flash pointNot available.Evaporation rateNot available.Flammability (solid, gas)Not applicable.	
(n-octanol/water)Flash pointNot available.Evaporation rateNot available.Flammability (solid, gas)Not applicable.	
Evaporation rateNot available.Flammability (solid, gas)Not applicable.	
Flammability (solid, gas) Not applicable.	
Linnen/Jerren flemen ekiliter en ermine linnite	
Upper/lower flammability or explosive limits	
Flammability limit - lower Not available. (%)	
Flammability limit - upper Not available. (%)	
Explosive limit - lower (%) Not available.	
Explosive limit - upper (%) Not available.	
Vapor pressure Not available.	
Vapor density Not available.	
Relative density Not available.	
Solubility(ies) Not available.	
Auto-ignition temperature Not available.	
Decomposition temperature Not available.	
Viscosity Not available.	

10. Stability and Reactivity

Reactivity	This product may react with strong oxidizing agents.
Possibility of hazardous reactions	No dangerous reaction known under conditions of normal use.
Chemical stability	Material is stable under normal conditions.
Conditions to avoid	Do not mix with other chemicals.
Incompatible materials	Acids. Caustics.
Hazardous decomposition products	May include and are not limited to: Oxides of carbon.
	11. Toxicological Information

Eye, Skin contact, Inhalation, Ingestion.

Routes of exposure

Information on likely routes of ex			
Ingestion	May cause stomach distress,	-	
Inhalation	No adverse effects due to inh		
Skin contact	No adverse effects due to ski	n contact are expected.	
Eye contact	Direct contact with eyes may cause temporary irritation.		
Symptoms related to the physical, chemical and toxicological characteristics	Direct contact with eyes may	cause temporary irritation.	
Information on toxicological effe	cts		
Acute toxicity	Not available.		
Product	Species	Test Results	
Thermo-Trap Putty (4371-38) (CAS Acute Inhalation	S Mixture)		
LC50 Oral	Rat	219 mg/l/4h, estimated	
LD50	Mouse	11000 g/kg, estimated	
Skin corrosion/irritation	Prolonged skin contact may c	ause temporary irritation.	
Exposure minutes	Not available.		
Erythema value	Not available.		
Oedema value	Not available.		
Serious eye damage/eye irritation	Direct contact with eyes may	cause temporary irritation.	
Corneal opacity value	Not available.		
Iris lesion value	Not available.		
Conjunctival reddening value	Not available.		
Conjunctival oedema value	Not available.		
Recover days	Not available.		
Respiratory or skin sensitization			
ACGIH sensitization Formaldehyde (CAS 50-0	0-0)	Dermal sensitization Respiratory sensitization	
Canada - Alberta OELs: Irrita	ant		
Acetaldehyde (CAS 75-07 Aluminosilicate Refractory 142844-00-6) Ethylene glycol (CAS 107	Ceramic Fibers (CAS	Irritant Irritant Irritant	
Canada - British Columbia C	ELs: Respiratory or skin sen	sitiser	
Formaldehyde (CAS 50-0	0-0)	Capable of causing respiratory, dermal or conjunctival sensitization.	
Canada - Manitoba OELs Ha	zard: Dermal sensitization		
Formaldehyde (CAS 50-0 Canada - Manitoba OELs Ha	0-0) zard: Respiratory sensitizatio	Dermal sensitization n	
Formaldehyde (CAS 50-0 Canada - Saskatchewan OEI	,	Respiratory sensitization	
Formaldehyde (CAS 50-0	0-0)	Sensitizer.	
Respiratory sensitization	Not available.		
Skin sensitization	This product is not expected t		
Mutagenicity	No data available to indicate protoxic.	product or any components present at greater than 0.1% are	
Carcinogenicity	Product is a non respirable fo The components listed below	rm. are inextricably bound and not biologically available.	
ACGIH Carcinogens			
1,4-Dioxane (CAS 123-91	-1)	A3 Confirmed animal carcinogen with unknown relevance to humans.	
Acetaldehyde (CAS 75-07	7-0)	A2 Suspected human carcinogen.	

Aluminosilicate Refractory Ceramic Fibers (CAS 142844-00-6) Diethanolamine (CAS 111-42-2)

Ethylene oxide (CAS 75-21-8) Formaldehyde (CAS 50-00-0) Methyl isobutyl ketone (MIBK) (CAS 108-10-1)

Canada - Alberta OELs: Carcinogen category

Aluminosilicate Refractory Ceramic Fibers (CAS 142844-00-6) Ethylene oxide (CAS 75-21-8) Formaldehyde (CAS 50-00-0)

Canada - Manitoba OELs: carcinogenicity

1,4-DIOXANE (CAS 123-91-1) ACETALDEHYDE (CAS 75-07-0) DIETHANOLAMINE, INHALABLE FRACTION AND VAPOR (CAS 111-42-2) ETHYLENE OXIDE (CAS 75-21-8) FORMALDEHYDE (CAS 50-00-0) METHYL ISOBUTYL KETONE (CAS 108-10-1) REFRACTORY CERAMIC FIBERS (CAS 142844-00-6) ada - Quebec OEI s: Carringeon category

Canada - Quebec OELs: Carcinogen category

1,4-Dioxane (CAS 123-91-1) Acetaldehyde (CAS 75-07-0) Aluminosilicate Refractory Ceramic Fibers (CAS 142844-00-6) Ethylene oxide (CAS 75-21-8) Formaldehyde (CAS 50-00-0)

IARC Monographs. Overall Evaluation of Carcinogenicity

1,4-Dioxane (CAS 123-91-1)

Acetaldehyde (CAS 75-07-0)

Aluminosilicate Refractory Ceramic Fibers (CAS 142844-00-6) Diethanolamine (CAS 111-42-2) Ethylene oxide (CAS 75-21-8) Formaldehyde (CAS 50-00-0) Methyl isobutyl ketone (MIBK) (CAS 108-10-1) White mineral oil (petroleum) (CAS 8042-47-5) A2 Suspected human carcinogen.

A3 Confirmed animal carcinogen with unknown relevance to humans.

A2 Suspected human carcinogen.

A1 Confirmed human carcinogen.

A3 Confirmed animal carcinogen with unknown relevance to humans.

Suspected human carcinogen.

Suspected human carcinogen. Suspected human carcinogen.

Confirmed animal carcinogen with unknown relevance to humans. Suspected human carcinogen. Confirmed animal carcinogen with unknown relevance to humans.

Suspected human carcinogen. Confirmed human carcinogen. Confirmed animal carcinogen with unknown relevance to humans. Suspected human carcinogen.

Detected carcinogenic effect in animals. Detected carcinogenic effect in animals. Detected carcinogenic effect in animals.

Suspected carcinogenic effect in humans. Suspected carcinogenic effect in humans.

Volume 11, Supplement 7, Volume 71 - 2B Possibly carcinogenic to humans.

Volume 36, Supplement 7, Volume 71 - 2B Possibly carcinogenic to humans.

Volume 43, Volume 81 - 2B Possibly carcinogenic to humans.

Volume 77, Volume 101 - 2B Possibly carcinogenic to humans. Volume 97, Volume 100F 1 Carcinogenic to humans. Volume 88, Volume 100F 1 Carcinogenic to humans. Volume 101 - 2B Possibly carcinogenic to humans. Volume 33, Supplement 7 - 3 Not classifiable as to carcinogenicity to humans.

US - California Proposition 65 - CRT: Listed date/Carcinogenic substance

1,4-Dioxane (CAS 123-91-1) Acetaldehyde (CAS 75-07-0) Diethanolamine (CAS 111-42-2) Ethylene oxide (CAS 75-21-8) Formaldehyde (CAS 50-00-0) Methyl isobutyl ketone (MIBK) (CAS 108-10-1)

US NTP Report on Carcinogens: Anticipated carcinogen1,4-Dioxane (CAS 123-91-1)Reasonably Anticipated to be a Human Carcinogen.Acetaldehyde (CAS 75-07-0)Reasonably Anticipated to be a Human Carcinogen.US NTP Report on Carcinogens: Known carcinogenEthylene oxide (CAS 75-21-8)Known To Be Human Carcinogen.Formaldehyde (CAS 50-00-0)Known To Be Human Carcinogen.US. OSHA Specifically Regulated Substances (29 CFR 191).1001-1050)Ethylene oxide (CAS 75-21-8)CancerFormaldehyde (CAS 50-00-0)Cancer

Reproductive toxicityThis product is not expected to cause reproductive or developmental effects.TeratogenicityNot available.Specific target organ toxicity -
single exposureNot classified.Specific target organ toxicity -
repeated exposureNot classified.Aspiration hazardNot available.

The finished product is not expected to have chronic health effects.

Chronic effects

12. Ecological Information Ecotoxicity Not available. Persistence and degradability Not available. **Bioaccumulative potential** Not available. Mobility in soil Not available. Mobility in general Not available. Not available. Other adverse effects 13. Disposal Considerations **Disposal instructions** Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Local disposal regulations Dispose in accordance with all applicable regulations. Hazardous waste code The waste code should be assigned in discussion between the user, the producer and the waste disposal company. Waste from residues / unused Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: products Disposal instructions). Empty containers should be taken to an approved waste handling site for recycling or disposal. **Contaminated packaging** Since emptied containers may retain product residue, follow label warnings even after container is emptied. 14. Transport Information **Transport of Dangerous Goods** Classification Method: Classified as per Part 2, Sections 2.1 - 2.8 of the Transportation of (TDG) Proof of Classification Dangerous Goods Regulations. If applicable, the technical name and the classification of the product will appear below. U.S. Department of Transportation (DOT) Not regulated as dangerous goods. Transportation of Dangerous Goods (TDG - Canada) Not regulated as dangerous goods. 15. Regulatory Information Canadian federal regulations This product has been classified in accordance with the hazard criteria of the HPR and the SDS contains all the information required by the HPR. Canada CEPA Schedule I: Listed substance Acetaldehyde (CAS 75-07-0) Listed. Aluminosilicate Refractory Ceramic Fibers (CAS Listed. 142844-00-6) Ethylene oxide (CAS 75-21-8) Listed. Formaldehyde (CAS 50-00-0) Listed. Canada DSL Challenge Substances: Listed substance 1,4-Dioxane (CAS 123-91-1) Listed. Canada NPRI VOCs with Additional Reporting Requirements: Mass reporting threshold/Identification Number Formaldehyde (CAS 50-00-0) 1 TONNES Methyl isobutyl ketone (MIBK) (CAS 108-10-1) 1 TONNES White mineral oil (petroleum) (CAS 8042-47-5) **1 TONNES** Canada Priority Substances List (Second List): Listed substance Acetaldehyde (CAS 75-07-0) Listed. Ethylene glycol (CAS 107-21-1) Listed. Ethylene oxide (CAS 75-21-8) Listed. Formaldehyde (CAS 50-00-0) Listed. Export Control List (CEPA 1999, Schedule 3) Ethylene oxide (CAS 75-21-8) Substance subject to notification or consent. **Greenhouse Gases** Not listed. **Precursor Control Regulations** Not regulated.

All chemicals used are on the TSCA inventory.

TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D) 0.1 % One-Time Export Notification only. Auteninosilicate Refractory Ceramic Fibers (CAS 0.1 % One-Time Export Notification only. 1/2424/20-6) 0.1 % One-Time Export Notification only. 1/2424/20-6) 1.5 % One-Time Export Notification only. 1/2-001000000000000000000000000000000000	TSCA Section 12(b) Export N	otification (40 CER 707, Sub	at D)
Aurminosilicate Refractory Coranne Fibers (CAS 1,4204-00-6) CERCLA Hazardous Substance List (40 CFR 302.4) 1,4-Dioxane (CAS 75-07-0) Listed. Acetaldehyde (CAS 75-07-0) Listed. Ethylene glycal (CAS 107-21-1) Listed. Termalachyda (CAS 105-21-1) Listed. Termalachyda (CAS 55-21-8) Ethylene glycal (CAS 105-21-1) Listed. Wethyl (SAS 50-00-0) Termalachyda (CAS 55-21-8) Listed. US EPCRA Section 304 Extremely Haz. Subs. & CERCLA Haz. Subs.: Section 304 EHS reportable quantity Ethylene oxida (CAS 75-21-8) Ethylene oxida (CAS 75-21-8) Listed. US CSHA Specifically Regulated Substances (20 CFR 1910-1001-1050) Ethylene oxida (CAS 75-21-8) Ethylene o		-	-
CERCLA Hazardous Substance List (40 CFR 302.4) 1. 4-Divame (CAS 175-07-9) Listed Accelatelyrde (CAS 75-07-9) Listed Ethylene glycal (CAS 175-71-1) Listed Ethylene glycal (CAS 107-21-1) Listed Formaldehyde (CAS 50-00-0) Listed Methyl isotowite (CAS 75-72-18) Listed Formaldehyde (CAS 50-00-0) Listed Methyl isotowite (CAS 75-21-8) Listed VS EPCRA Section 304 Extremely Haz. Subs. & CERCLA Haz. Subs.: Section 304 EHS reportable quantity Ethylene oxide (CAS 75-21-8) Listed Formaldehyde (CAS 50-00-0) Listed VS OSHA Specifically Regulated Substances (29 CFR 1910-100-1150) Ethylene oxide (CAS 75-21-8) Cancer Formaldehyde (CAS 50-00-0) Kutagene oxide (CAS 75-21-8) Ethylene oxide (CAS	Aluminosilicate Refractory		· · · ·
Acetaldehyde (CAS 75-07-0) Listed. Ethylene glycal (CAS 107-21-1) Ethylene glycal (CAS 107-21-1) Listed. Formaldehyde (CAS 50-00-0) Listed. Methyl isobulyl kotane (MBK) (CAS 108-10-1) Listed. US EPCRA Section 304 Extremely Haz. Subs. & CERCLA Haz. Subs.: Section 304 EHS reportable quantity Ethylene code (CAS 75-21-8) Listed. US CSHA Specifical Y Regulated Substances (29 CFR 1910.1001-1050) Ethylene code (CAS 75-21-8) Cancor Formaldehyde (CAS 50-00-0) Ethylene code (CAS 75-21-8) Ethylene	,	ice List (40 CFR 302.4)	
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Diethanolamine (CAS 111-42-2) Listed.			LIGGU.
		-42-2)	Listed.

Ethylene glycol (CAS 107-21-1) Listed. Ethylene oxide (CAS 75-21-8) Listed. Formaldehyde (CAS 50-00-0) Listed. Methyl isobutyl ketone (MIBK) (CAS 108-10-1) Listed. White mineral oil (petroleum) (CAS 8042-47-5) Listed. US - Illinois Chemical Safety Act: Listed substance 1,4-Dioxane (CAS 123-91-1) Acetaldehyde (CAS 75-07-0) Diethanolamine (CAS 111-42-2) Ethylene glycol (CAS 107-21-1) Ethylene oxide (CAS 75-21-8) Formaldehyde (CAS 50-00-0) Methyl isobutyl ketone (MIBK) (CAS 108-10-1) US - Louisiana Spill Reporting: Listed substance 1,4-Dioxane (CAS 123-91-1) Listed. Acetaldehyde (CAS 75-07-0) Listed. Diethanolamine (CAS 111-42-2) Listed. Ethylene glycol (CAS 107-21-1) Listed. Ethylene oxide (CAS 75-21-8) Listed. Formaldehyde (CAS 50-00-0) Listed. Methyl isobutyl ketone (MIBK) (CAS 108-10-1) Listed. US - Minnesota Haz Subs: Listed substance 1,4-Dioxane (CAS 123-91-1) Listed. Acetaldehyde (CAS 75-07-0) Listed. Aluminosilicate Refractory Ceramic Fibers (CAS Listed. 142844-00-6) Diethanolamine (CAS 111-42-2) Listed. Ethylene glycol (CAS 107-21-1) Listed. Ethylene oxide (CAS 75-21-8) Listed. Formaldehyde (CAS 50-00-0) Listed. Methyl isobutyl ketone (MIBK) (CAS 108-10-1) Listed. White mineral oil (petroleum) (CAS 8042-47-5) Listed. US - New Jersey RTK - Substances: Listed substance 1,4-Dioxane (CAS 123-91-1) Acetaldehyde (CAS 75-07-0) Aluminosilicate Refractory Ceramic Fibers (CAS 142844-00-6) Diethanolamine (CAS 111-42-2) Ethylene glycol (CAS 107-21-1) Ethylene oxide (CAS 75-21-8) Formaldehyde (CAS 50-00-0) Methyl isobutyl ketone (MIBK) (CAS 108-10-1) US - North Carolina Toxic Air Pollutants: Listed substance 1,4-Dioxane (CAS 123-91-1) Acetaldehyde (CAS 75-07-0) Ethylene oxide (CAS 75-21-8) Formaldehyde (CAS 50-00-0) Methyl isobutyl ketone (MIBK) (CAS 108-10-1) US - Pennsylvania RTK - Hazardous Substances: Special hazard 1,4-Dioxane (CAS 123-91-1) Ethylene oxide (CAS 75-21-8) Formaldehyde (CAS 50-00-0) US - Texas Effects Screening Levels: Listed substance 1,4-Dioxane (CAS 123-91-1) Listed. Acetaldehyde (CAS 75-07-0) Listed. Aluminosilicate Refractory Ceramic Fibers (CAS Listed. 142844-00-6) Diethanolamine (CAS 111-42-2) Listed. Ethylene glycol (CAS 107-21-1) Listed. Ethylene oxide (CAS 75-21-8) Listed. Formaldehyde (CAS 50-00-0) Listed. Methyl isobutyl ketone (MIBK) (CAS 108-10-1) Listed. White mineral oil (petroleum) (CAS 8042-47-5) Listed. US - Washington Chemical of High Concern to Children: Listed substance 1,4-Dioxane (CAS 123-91-1) Acetaldehyde (CAS 75-07-0) Ethylene glycol (CAS 107-21-1)

Formaldehyde (CAS 50-00-0)

US. Massachusetts RTK - Substance List

1,4-Dioxane (CAS 123-91-1) Acetaldehyde (CAS 75-07-0) Aluminosilicate Refractory Ceramic Fibers (CAS 142844-00-6) Diethanolamine (CAS 111-42-2) Ethylene glycol (CAS 107-21-1) Ethylene oxide (CAS 75-21-8) Formaldehyde (CAS 50-00-0) Methyl isobutyl ketone (MIBK) (CAS 108-10-1) White mineral oil (petroleum) (CAS 8042-47-5)

US. New Jersey Worker and Community Right-to-Know Act

1,4-Dioxane (CAS 123-91-1) Acetaldehyde (CAS 75-07-0) Diethanolamine (CAS 111-42-2) Ethylene glycol (CAS 107-21-1) Ethylene oxide (CAS 75-21-8) Formaldehyde (CAS 50-00-0) Methyl isobutyl ketone (MIBK) (CAS 108-10-1) **US. Pennsylvania Worker and Community Right-to-Know Law**

1,4-Dioxane (CAS 123-91-1)

Acetaldehyde (CAS 75-07-0) Aluminosilicate Refractory Ceramic Fibers (CAS 142844-00-6) Diethanolamine (CAS 111-42-2) Ethylene glycol (CAS 107-21-1) Ethylene oxide (CAS 75-21-8) Formaldehyde (CAS 50-00-0) Methyl isobutyl ketone (MIBK) (CAS 108-10-1) White mineral oil (petroleum) (CAS 8042-47-5)

US. Rhode Island RTK

1,4-Dioxane (CAS 123-91-1) Acetaldehyde (CAS 75-07-0) Aluminosilicate Refractory Ceramic Fibers (CAS 142844-00-6) Diethanolamine (CAS 111-42-2) Ethylene glycol (CAS 107-21-1) Ethylene oxide (CAS 75-21-8) Formaldehyde (CAS 50-00-0) Methyl isobutyl ketone (MIBK) (CAS 108-10-1) White mineral oil (petroleum) (CAS 8042-47-5)

US. California Proposition 65

WARNING: This product can expose you to chemicals including ethylene oxide, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

US - California Proposition 65 - CRT: Listed date/Carcinogenic substance

		j	
1,4-Dioxane (CAS 12	23-91-1)	Listed: January 1, 1988	
Acetaldehyde (CAS	75-07-0)	Listed: April 1, 1988	
Diethanolamine (CA	S 111-42-2)	Listed: June 22, 2012	
Ethylene oxide (CAS	5 75-21-8)	Listed: July 1, 1987	
Formaldehyde (CAS 50-00-0)		Listed: January 1, 1988	
Methyl isobutyl ketor	Methyl isobutyl ketone (MIBK) (CAS 108-10-1)		
US - California Proposit	ion 65 - CRT: Listed date/De	velopmental toxin	
Ethylene glycol (CAS	S 107-21-1)	Listed: June 19, 2015	
Ethylene oxide (CAS	575-21-8)	Listed: August 7, 2009	
Methyl isobutyl ketor	ne (MIBK) (CAS 108-10-1)	Listed: March 28, 2014	
US - California Proposit	tion 65 - CRT: Listed date/Fe	male reproductive toxin	
Ethylene oxide (CAS	375-21-8)	Listed: February 27, 1987	
US - California Proposit	tion 65 - CRT: Listed date/Ma	le reproductive toxin	
Ethylene oxide (CAS	5 75-21-8)	Listed: August 7, 2009	
Inventory status			
Country(s) or region	Inventory name		On inventory (yes/no)*
Canada	Domestic Substances List (I	DSL)	No
Canada	Non-Domestic Substances I	List (NDSL)	No
United States & Puerto Rico	Toxic Substances Control A	ct (TSCA) Inventory	No

*A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s)

16. Other Information

LEGEND	
Severe Serious Moderate Slight Minimal	4 3 2 1

Disclaimer



Information contained herein was obtained from sources considered technically accurate and reliable. While every effort has been made to ensure full disclosure of product hazards, in some cases data is not available and is so stated. Since conditions of actual product use are beyond control of the supplier, it is assumed that users of this material have been fully trained according to the requirements of all applicable legislation and regulatory instruments. No warranty, expressed or implied, is made and supplier will not be liable for any losses, injuries or consequential damages which may result from the use of or reliance on any information contained in this document. 10-September-2019

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