SAFETY DATA SHEET

1. Product and Company Identification

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 (CHEMTREC)
Supplier	See above.

2. Hazards Identification

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 classification.
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 with local authority requirements.
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 Ingredients

Mixture

Chemical name	Common name and synonyms	CAS number	%
Aluminosilicate Refractory Ceramic Fibers		142844-00-6	15-40*

Composition comments

Non-hazardous by WHMIS/OSHA criteria

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.

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.
Most important symptoms/effects, acute and delayed	Direct contact with eyes may cause temporary irritation.
Indication of immediate medical attention and special treatment needed	Treat symptomatically.
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).

5. Fire Fighting Measures

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 containment and cleaning up	Stop leak if you can do so without risk. 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

Canada. Alberta OELs (Occupational Health & Safety Code, Schedule 1, Table 2)

Components	Type	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

Canada. British Columbia OELs. (Occupational Exposure Limits for Chemical Substances, Occupational Health and Safety Regulation 296/97, as amended)

Components	Type	Value	Form
Aluminosilicate Refractory Ceramic Fibers (CAS 142844-00-6)	TWA	0.2 fibers/cm3	Fiber.
		5 mg/m3	Inhalable fibers.

Canada. Manitoba OELs (Reg. 217/2006, The Workplace Safety And Health Act)

Components	Type	Value	Form
Aluminosilicate Refractory Ceramic Fibers (CAS 142844-00-6)	TWA	5 mg/m3	Inhalable fraction.

Canada. Ontario OELs. (Control of Exposure to Biological or Chemical Agents)

Components	Type	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. (Ministry of Labor - Regulation Respecting the Quality of the Work Environment)

Components	Type	Value	Form
Aluminosilicate Refractory Ceramic Fibers (CAS 142844-00-6)	TWA	1 fibers/cm3n	Fiber.
		10 mg/m3	Total dust.

US. NIOSH: Pocket Guide to Chemical Hazards

Components	Type	Value	Form
Aluminosilicate Refractory Ceramic Fibers (CAS 142844-00-6)	TWA	3 fibers/cm3	Fiber.
		3 fibers/cm3	Fibrous dust.
		5 mg/m3	Fiber, total
		5 mg/m3	fibers, total dust

Biological limit values No biological exposure limits noted for the ingredient(s).

Exposure guidelines Product is a non respirable form.
The components listed above are inextricably bound and not biologically available.

Canada - Alberta OELs: Skin designation

1,4-Dioxane (CAS 123-91-1)	Can be absorbed through the skin.
Diethanolamine (CAS 111-42-2)	Can be absorbed through the skin.

Canada - British Columbia OELs: Skin designation

1,4-Dioxane (CAS 123-91-1)	Can be absorbed through the skin.
Diethanolamine (CAS 111-42-2)	Can be absorbed through the skin.

Canada - Manitoba OELs: Skin designation

1,4-Dioxane (CAS 123-91-1)	Can be absorbed through the skin.
Diethanolamine (CAS 111-42-2)	Can be absorbed through the skin.

Canada - Ontario OELs: Skin designation

1,4-Dioxane (CAS 123-91-1)	Can be absorbed through the skin.
Diethanolamine (CAS 111-42-2)	Can be absorbed through the skin.

Canada - Quebec OELs: Skin designation

1,4-Dioxane (CAS 123-91-1)	Can be absorbed through the skin.
Diethanolamine (CAS 111-42-2)	Can be absorbed through the skin.

Canada - Saskatchewan OELs: Skin designation

1,4-Dioxane (CAS 123-91-1)	Can be absorbed through the skin.
Diethanolamine (CAS 111-42-2)	Can be absorbed through the skin.

US ACGIH Threshold Limit Values: Skin designation

1,4-Dioxane (CAS 123-91-1)	Can be absorbed through the skin.
Diethanolamine (CAS 111-42-2)	Can be absorbed through the skin.

US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)

1,4-Dioxane (CAS 123-91-1)	Can be absorbed through the skin.

Appropriate engineering controls Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level.

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

Appearance	Putty
Physical state	Liquid.
Form	Putty
Color	Blue
Odor	Not available.
Odor threshold	Not available.
pH	7
Melting point/freezing point	Not available.
Initial boiling point and boiling range	Not available.
Pour point	Not available.
Specific gravity	Not available.
Partition coefficient (n-octanol/water)	Not available.
Flash point	Not available.
Evaporation rate	Not available.
Flammability (solid, gas)	Not applicable.
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

Routes of exposure	Eye, Skin contact, Inhalation, Ingestion.

Information on likely routes of exposure

Ingestion	May cause stomach distress, nausea or vomiting.
Inhalation	No adverse effects due to inhalation are expected.
Skin contact	No adverse effects due to skin 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 effects

Acute toxicity Not available.

Product	**Species**	**Test Results**
Thermo-Trap Putty (4371-38) (CAS Mixture)		
Acute		
Inhalation		
LC50	Rat	219 mg/l/4h, estimated
Oral		
LD50	Mouse	11000 g/kg, estimated

Skin corrosion/irritation	Prolonged skin contact may cause 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 50-00-0)	Dermal sensitization Respiratory sensitization

Canada - Alberta OELs: Irritant

Acetaldehyde (CAS 75-07-0)	Irritant
Aluminosilicate Refractory Ceramic Fibers (CAS 142844-00-6)	Irritant
Ethylene glycol (CAS 107-21-1)	Irritant

Canada - British Columbia OELs: Respiratory or skin sensitiser

Formaldehyde (CAS 50-00-0)	Capable of causing respiratory, dermal or conjunctival sensitization.

Canada - Manitoba OELs Hazard: Dermal sensitization

Formaldehyde (CAS 50-00-0)	Dermal sensitization

Canada - Manitoba OELs Hazard: Respiratory sensitization

Formaldehyde (CAS 50-00-0)	Respiratory sensitization

Canada - Saskatchewan OELs Hazard Data: Sensitiser

Formaldehyde (CAS 50-00-0)	Sensitizer.

Respiratory sensitization	Not available.
Skin sensitization	This product is not expected to cause skin sensitization.
Mutagenicity	No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.
Carcinogenicity	Product is a non respirable form. The components listed below 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 75-07-0)	A2 Suspected human carcinogen.

Aluminosilicate Refractory Ceramic Fibers (CAS 142844-00-6)	A2 Suspected human carcinogen.
Diethanolamine (CAS 111-42-2)	A3 Confirmed animal carcinogen with unknown relevance to humans.
Ethylene oxide (CAS 75-21-8)	A2 Suspected human carcinogen.
Formaldehyde (CAS 50-00-0)	A1 Confirmed human carcinogen.
Methyl isobutyl ketone (MIBK) (CAS 108-10-1)	A3 Confirmed animal carcinogen with unknown relevance to humans.

Canada - Alberta OELs: Carcinogen category

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

Canada - Manitoba OELs: carcinogenicity

1,4-DIOXANE (CAS 123-91-1)	Confirmed animal carcinogen with unknown relevance to humans.
ACETALDEHYDE (CAS 75-07-0)	Suspected human carcinogen.
DIETHANOLAMINE, INHALABLE FRACTION AND VAPOR (CAS 111-42-2)	Confirmed animal carcinogen with unknown relevance to humans.
ETHYLENE OXIDE (CAS 75-21-8)	Suspected human carcinogen.
FORMALDEHYDE (CAS 50-00-0)	Confirmed human carcinogen.
METHYL ISOBUTYL KETONE (CAS 108-10-1)	Confirmed animal carcinogen with unknown relevance to humans.
REFRACTORY CERAMIC FIBERS (CAS 142844-00-6)	Suspected human carcinogen.

Canada - Quebec OELs: Carcinogen category

1,4-Dioxane (CAS 123-91-1)	Detected carcinogenic effect in animals.
Acetaldehyde (CAS 75-07-0)	Detected carcinogenic effect in animals.
Aluminosilicate Refractory Ceramic Fibers (CAS 142844-00-6)	Detected carcinogenic effect in animals.
Ethylene oxide (CAS 75-21-8)	Suspected carcinogenic effect in humans.
Formaldehyde (CAS 50-00-0)	Suspected carcinogenic effect in humans.

IARC Monographs. Overall Evaluation of Carcinogenicity

1,4-Dioxane (CAS 123-91-1)	Volume 11, Supplement 7, Volume 71 - 2B Possibly carcinogenic to humans.
Acetaldehyde (CAS 75-07-0)	Volume 36, Supplement 7, Volume 71 - 2B Possibly carcinogenic to humans.
Aluminosilicate Refractory Ceramic Fibers (CAS 142844-00-6)	Volume 43, Volume 81 - 2B Possibly carcinogenic to humans.
Diethanolamine (CAS 111-42-2)	Volume 77, Volume 101 - 2B Possibly carcinogenic to humans.
Ethylene oxide (CAS 75-21-8)	Volume 97, Volume 100F 1 Carcinogenic to humans.
Formaldehyde (CAS 50-00-0)	Volume 88, Volume 100F 1 Carcinogenic to humans.
Methyl isobutyl ketone (MIBK) (CAS 108-10-1)	Volume 101 - 2B Possibly carcinogenic to humans.
White mineral oil (petroleum) (CAS 8042-47-5)	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 carcinogen

1,4-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 carcinogen

Ethylene 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 1910.1001-1050)

Ethylene oxide (CAS 75-21-8)	Cancer
Formaldehyde (CAS 50-00-0)	Cancer

Reproductive toxicity	This product is not expected to cause reproductive or developmental effects.
Teratogenicity	Not available.
Specific target organ toxicity - single exposure	Not classified.
Specific target organ toxicity - repeated exposure	Not classified.
Aspiration hazard	Not available.
Chronic effects	The finished product is not expected to have chronic health 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.
Other adverse effects	Not available.

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 products	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: Disposal instructions).
Contaminated packaging	Empty containers should be taken to an approved waste handling site for recycling or disposal. Since emptied containers may retain product residue, follow label warnings even after container is emptied.

14. Transport Information

Transport of Dangerous Goods (TDG) Proof of Classification	Classification Method: Classified as per Part 2, Sections 2.1 – 2.8 of the Transportation of 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 142844-00-6)	Listed.
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.

WHMIS 2015 Exemptions Not applicable

US federal regulations This product is not known to be a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

All chemicals used are on the TSCA inventory.

TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)

Acetaldehyde (CAS 75-07-0)	0.1 % One-Time Export Notification only.
Aluminosilicate Refractory Ceramic Fibers (CAS 142844-00-6)	0.1 % One-Time Export Notification only.

CERCLA Hazardous Substance List (40 CFR 302.4)

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 EPCRA Section 304 Extremely Haz. Subs. & CERCLA Haz. Subs.: Section 304 EHS reportable quantity

Ethylene oxide (CAS 75-21-8)	10 LBS
Formaldehyde (CAS 50-00-0)	100 LBS

US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)

Ethylene oxide (CAS 75-21-8)	Cancer
Formaldehyde (CAS 50-00-0)	Cancer
Ethylene oxide (CAS 75-21-8)	Reproductive toxicity
Formaldehyde (CAS 50-00-0)	Skin sensitization
Ethylene oxide (CAS 75-21-8)	Mutagenicity
Formaldehyde (CAS 50-00-0)	Respiratory sensitization
Ethylene oxide (CAS 75-21-8)	Central nervous system
Formaldehyde (CAS 50-00-0)	Eye irritation
Ethylene oxide (CAS 75-21-8)	Skin sensitization
Formaldehyde (CAS 50-00-0)	Skin irritation
Ethylene oxide (CAS 75-21-8)	Skin irritation
Formaldehyde (CAS 50-00-0)	respiratory tract irritation
Ethylene oxide (CAS 75-21-8)	Eye irritation
Formaldehyde (CAS 50-00-0)	Acute toxicity
Ethylene oxide (CAS 75-21-8)	respiratory tract irritation
Formaldehyde (CAS 50-00-0)	Flammability
Ethylene oxide (CAS 75-21-8)	Acute toxicity
	Flammability

Superfund Amendments and Reauthorization Act of 1986 (SARA)

Hazard categories	Immediate Hazard - No Delayed Hazard - No Fire Hazard - No Pressure Hazard - No Reactivity Hazard - No
SARA 302 Extremely hazardous substance	No
SARA 311/312 Hazardous chemical	No

SARA 313 (TRI reporting)

Not regulated.

Other federal regulations

Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List

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)

Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)

Acetaldehyde (CAS 75-07-0)
Ethylene oxide (CAS 75-21-8)
Formaldehyde (CAS 50-00-0)

US state regulations

US - California Hazardous Substances (Director's): Listed substance

1,4-Dioxane (CAS 123-91-1)	Listed.
Acetaldehyde (CAS 75-07-0)	Listed.
Aluminosilicate Refractory Ceramic Fibers (CAS 142844-00-6)	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.
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 142844-00-6)	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.
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 142844-00-6)	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.
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

1,4-Dioxane (CAS 123-91-1)	Listed: January 1, 1988
Acetaldehyde (CAS 75-07-0)	Listed: April 1, 1988
Diethanolamine (CAS 111-42-2)	Listed: June 22, 2012
Ethylene oxide (CAS 75-21-8)	Listed: July 1, 1987
Formaldehyde (CAS 50-00-0)	Listed: January 1, 1988
Methyl isobutyl ketone (MIBK) (CAS 108-10-1)	Listed: November 4, 2011

US - California Proposition 65 - CRT: Listed date/Developmental toxin

Ethylene glycol (CAS 107-21-1)	Listed: June 19, 2015
Ethylene oxide (CAS 75-21-8)	Listed: August 7, 2009
Methyl isobutyl ketone (MIBK) (CAS 108-10-1)	Listed: March 28, 2014

US - California Proposition 65 - CRT: Listed date/Female reproductive toxin

Ethylene oxide (CAS 75-21-8)	Listed: February 27, 1987

US - California Proposition 65 - CRT: Listed date/Male reproductive toxin

Ethylene oxide (CAS 75-21-8)	Listed: August 7, 2009

Inventory status

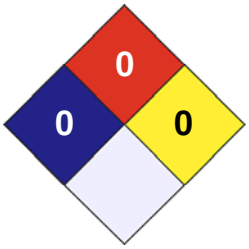
Country(s) or region	Inventory name	On inventory (yes/no)*
Canada	Domestic Substances List (DSL)	No
Canada	Non-Domestic Substances List (NDSL)	No
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	No

*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	4
Serious	3
Moderate	2
Slight	1
Minimal	0

HEALTH	/ 0
FLAMMABILITY	0
PHYSICAL HAZARD	0
PERSONAL PROTECTION	X



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.

Issue date 10-September-2019

Version # 01

Effective date 10-September-2019

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