



ForceField® Fast Tack Upholstery Adhesive

SAFETY DATA SHEET

COMPLIES WITH USDL SAFETY AND HEALTH REGULATIONS 29CFR1910.1200

SECTION 1 COMPANY AND PRODUCT IDENTIFICATION

Product Name:	ForceField Fast Tack Upholstery Adhesive	Date Printed:	10/2/2018
Product Use/Class:	Fabric/Upholstery Adhesive	Product ID:	F A-UP 6C
Supplier:	Shield Industries, Inc.	Manufacturer:	Shield Industries, Inc.
Address:	131 Smokehill Lane Woodstock, GA 30188 - USA	Address:	131 Smokehill Lane Woodstock, GA 30188 - USA
Telephone:	770-517-6869	24 Hour Emergency Hotline:	800-535-5053

SECTION 2 HAZARDS IDENTIFICATION

Physical hazards:	Flammable aerosols	Category 1
Health hazards:	Serious eye damage/eye irritation	Category 2A
	Specific target organ toxicity, single exposure	Category 3 narcotic effects

Environmental hazards:	Hazardous to the aquatic environment, Acute Hazard	Category 3
	Long-Term Hazard	Category 3

OSHA defined hazards: Not classified.

Label elements:



Signal word: Danger

Hazard statement Extremely flammable aerosol. Causes serious eye irritation. May cause drowsiness or dizziness.

Precautionary statements:

Prevention: Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Do not spray on an open flame or other ignition source. Pressurized container: Do not pierce or burn, even after use. Avoid breathing gas. Use only outdoors or in a

well-ventilated area. Wear eye protection/face protection.

Response: If inhaled: Remove person to fresh air and keep comfortable for breathing. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a poison center/doctor if you feel unwell. If eye irritation persists: Get medical advice/attention.

Storage: Store in a well-ventilated place. Keep container tightly closed. Store locked up. Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.

Disposal: Dispose of contents/container in accordance with local/regional/national/international regulations.

Hazard(s) not otherwise classified (HNOC): None known.

Supplemental information: None.

SECTION 3 COMPOSITION/INFORMATION ON COMPONENTS

<u>COMPONENTS</u>	<u>CAS NUMBER</u>	<u>%</u>
ACETONE	67-64-1	20 - 40 %
BUTANE	106-97-8	10 - 20 %
PROPANE	74-98-6	10 - 20 %
DIMETHYL ETHER	115-10-6	2.5 - 10 %
METHYL ACETATE	79-20-9	2.5 - 10 %
PARACHLOROBENZOTRIFLUORIDE (PCBTF)	98-56-6	2.5 - 10 %
N-HEPTANE	142-82-5	1.0 - 2.5 %
OTHER COMPONENTS BELOW REPORTABLE LEVELS		20 - 40 %

SECTION 4 FIRST AID MEASURES

Inhalation: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell.

Skin contact: Wash off with soap and water. Get medical attention if irritation develops and persists.

Eye contact: Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advise/attention.

Ingestion: In the unlikely event of swallowing, contact a physician or poison control center. Rinse mouth.

Most important symptoms/effects, acute and delayed:

May cause drowsiness and dizziness. Headache, Nausea, vomiting. Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision.

Indication of immediate medical attention and special treatment needed:

Provide general supportive measures and treat symptomatically. Keep victim under observation. Symptoms may be delayed.

General information:

Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Show this safety data sheet to the doctor in attendance.

SECTION 5 FIRE FIGHTING MEASURES

Suitable extinguishing media:

Alcohol resistant foam. Dry powder. Carbon dioxide (CO₂).

Unsuitable extinguishing media:

Do not use water jet as an extinguisher, as this will spread the fire.

Specific hazards arising from the chemical:

Contents under pressure. Pressurized container may explode when exposed to heat or flame. During fire, gases hazardous to health may be formed.

Special protective equipment and precautions for firefighters:

Firefighters must use standard protective equipment including flame retardant coat, helmet with face shield, gloves, rubber boots, and in enclosed spaces, SCBA.

Fire-fighting equipment/instructions:

Move containers from fire area if you can do so without risk. Containers should be cooled with water to prevent vapor pressure build up. For massive fire in cargo area, use unmanned hose holder or monitor nozzles, if possible. If not, withdraw and let fire burn out.

Specific methods:

Use standard firefighting procedures and consider the hazards of other involved materials. Move containers from fire area if you can do so without risk. In the event of fire and/or explosion do not breathe fumes.

General fire hazards:

Extremely flammable aerosol.

SECTION 6 ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures:

Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Wear appropriate protective equipment and clothing during clean-up. Avoid breathing gas. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ventilate closed spaces before entering them. Local authorities should be advised if significant spillages cannot be contained. For personal protection, see section 8 of the SDS.

Methods and materials for containment and cleaning up:

Refer to attached safety data sheets and/or instructions for use. Stop leak if you can do so without risk. Move the cylinder to a safe and open area if the leak is irreparable. Isolate area until gas has dispersed. Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Keep combustibles (wood, paper, oil, etc.) away from spilled material. Prevent product from entering drains. Cover with plastic sheet to

prevent spreading. Absorb in vermiculite, dry sand, or earth and place into containers. Following product recovery, flush area with water.

Small Spills: Wipe up with absorbent materials (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination. For waste disposal, see section 13 of the SDS.

Environmental precautions:

Avoid release to the environment. Inform appropriate managerial or supervisory personnel of all environmental releases. Prevent further leakage or spillage if safe to do so. Avoid discharge into drains, water courses or onto the ground.

SECTION 7 HANDLING AND STORAGE

Precautions for safe handling:

Pressurized container: Do not pierce or burn, even after use. Do not use if spray button is missing or defective. Do not spray on a naked flame or any other incandescent material. Do not smoke while using or until sprayed surface is thoroughly dry. Do not cut, weld, solder, drill, grind, or expose containers to heat, flame, sparks, or other sources of ignition. All equipment used when handling the product must be grounded. Do not re-use empty containers. Avoid breathing gas. Avoid contact with eyes. Avoid prolonged exposure. Use only in well-ventilated areas. Wear appropriate personal protective equipment. Wash hands thoroughly after handling. Avoid release to the environment. Observe good industrial hygiene practices.

Conditions for safe storage, including any incompatibilities: Level 2 Aerosol.

Store locked up. Pressurized container. Protect from sunlight and do not expose to temperatures exceeding 50°C/122 °F. Do not puncture, incinerate or crush. Do not handle or store near an open flame, heat or other sources of ignition. This material can accumulate static charge which may cause spark and become an ignition source. Store away from incompatible materials (see Section 10 of the SDS).

SECTION 8 EXPOSURE CONTROLS / PERSONAL PROTECTION

Occupational exposure limits:

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

Components	CAS	Type	Value
Acetone	67-64-1	PEL	2400 mg/m ³ 1000 ppm
Methyl Acetate	79-20-9	PEL	610 mg/m ³ 200 ppm
n-Heptane	142-82-5	PEL	2000 mg/m ³ 500 ppm
Propane	74-98-6	PEL	1800 mg/m ³ 1000 ppm

US. ACGIH Threshold Limit Values

Components	CAS	Type	Value
Acetone	67-64-1	STEL	500 ppm
		TWA	250 ppm
Butane	106-97-8	STEL	1000 ppm
Methyl Acetate	79-20-9	STEL	250 ppm
		TWA	200 ppm
n-Heptane	142-82-5	STEL	500 ppm
		TWA	400 ppm

US. NIOSH: Pocket Guide to Chemical Hazards

Components	CAS	Type	Value
Acetone	67-64-1	TWA	590 mg/m ³
			250 ppm
Butane	106-97-8	TWA	1900 mg/m ³
			800 ppm
Methyl Acetate	79-20-9	STEL	760 mg/m ³
			250 ppm
			TWA
n-Heptane	142-82-5	Ceiling	200 ppm
			1800 mg/m ³
			440 ppm
Propane	74-98-6	TWA	350 mg/m ³
			85 ppm
			1800 mg/m ³
			1000 ppm

US. Workplace Environmental Exposure Level (WEEL) Guides:

Components	CAS	Type	Value
Dimethyl Ether	115-10-6	TWA	1880 mg/m ³
			1000 ppm

Biological limit values:

ACGIH Biological Exposure Indices

Components	CAS	Value	Determinant	Specimen	Sampling Time
Acetone	67-64-1	25 mg/l	Acetone	Urine	*

* - For sampling details, please see the source document.

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. Provide eyewash station.

Individual protection measures, such as personal protective equipment:

Eye/face protection:

Wear safety glasses with side shields (or goggles).

Hand protection:

Wear appropriate chemical resistant gloves. Suitable gloves can be recommended by the glove supplier.

Skin protection/Other:

Wear suitable protective clothing.

Respiratory protection:

If permissible levels are exceeded use NIOSH mechanical filter / organic vapor cartridge or an air-supplied respirator.

Thermal hazards:

Wear appropriate thermal protective clothing, when necessary.

General hygiene considerations:

When using, do not smoke. 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.

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance:

Physical state: Gas

Form: Aerosol

Color: Not available.

Odor: Not available.

Odor threshold: Not available.

pH: Not available.

Melting point/freezing point: Not available.

Initial boiling point and boiling range 152.69 °F (67.05 °C) estimated

Flash point: -156.0 °F (-104.4 °C) PROPELLANT estimated

Evaporation rate: Not available.

Flammability (solid, gas): Not available.

Upper/lower flammability or explosive limits:

Flammability limit – lower (%): 2.2 % estimated

Flammability limit – upper (%): 11.4 % estimated

Explosive limit - lower (%): Not available.

Explosive limit - upper (%): Not available.

Vapor pressure: 45 - 65 psig @70F estimated

Vapor density: Not available.

Relative density: Not available.

Solubility (water): Not available.

Partition coefficient (n-octanol/water): Not available.

Auto-ignition temperature: Not available.

Decomposition temperature: Not available.

Viscosity: Not available.

Other information:

Explosive properties: Not explosive.

Oxidizing properties: Not oxidizing.

Specific gravity: 0.884 estimated

SECTION 10 STABILITY AND REACTIVITY

Reactivity:

The product is stable and non-reactive under normal conditions of use, storage and transport.

Chemical stability:

Material is stable under normal conditions.

Possibility of hazardous reactions:

Hazardous polymerization does not occur.

Conditions to avoid:

Avoid temperatures exceeding the flash point. Contact with incompatible materials.

Incompatible materials:

Strong oxidizing agents. Nitrates. Fluorine. Chlorine.

Hazardous decomposition products:

No hazardous decomposition products are known.

SECTION 11 TOXICOLOGICAL INFORMATION

Information on likely routes of exposure:

Ingestion: Expected to be a low ingestion hazard.

Inhalation: May cause drowsiness and dizziness. Headache. Nausea, vomiting. Prolonged inhalation may be harmful.

Skin contact: No adverse effects due to skin contact are expected.

Eye contact: Causes serious eye irritation.

Symptoms related to the physical, chemical and toxicological characteristics:

May cause drowsiness and dizziness. Headache. Nausea, vomiting. Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision.

Information on toxicological effects:

Acute toxicity: Narcotic effects.

Components	CAS#	Test	Species	Test Results
Acetone	67-64-1	Acute Dermal LD50	Guinea pig	> 7426 mg/kg, 24 Hours > 9.4 ml/kg, 24 Hours
			Rabbit	> 7426 mg/kg, 24 Hours > 9.4 ml/kg, 24 Hours
		Inhalation LC50	Rat	55700 ppm, 3 Hours 132 mg/l, 3 Hours 50.1 mg/l
			Rat	5800 mg/kg 2.2 ml/kg
Butane	106-97-8	Inhalation LC50	Mouse	1237 mg/l, 2 Hours 52%, 2 Hours
			Rat	1355 mg/l
Dimethyl Ether	115-10-6	Acute Inhalation NOEL	Rat	2 ppm, 6 Hours

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Methyl Acetate	79-20-9	Acute Dermal LD50	Rat	> 2000 mg/kg, 24 Hours
		Inhalation LC100	Rabbit	98.4 mg/l, 4 Hours
		Oral LD50	Rat	6482 mg/kg
n-Heptane	142-82-5	Acute Dermal LD50	Rabbit	>2000 mg/kg, 24 Hours
		Acute Inhalation LC50	Rat	>29.29 mg/l, 4 Hours
		Acute Oral LD50	Rat	>5000 mg/kg
Perchlorobenzotrifluoride (PCBTF)	98-56-6	Acute Dermal LD50	Rabbit	0.126 ml/kg, 24 Hours
			Rat	0.5 – 1 ml/kg
		Acute Inhalation LC50	Mouse	200 ppm, 4 Hours
			Rat	220 ppm, 4 Hours
		Acute Oral LD50	Rat	382 mg/kg 1.39 ml/kg
Propane	74-98-6	Acute Inhalation LC50	Mouse	1237 mg/l, 120 Minutes 52 %, 120 Minutes
			Rat	1355 mg/l
				658 mg/l/4h

* Estimates for product may be based on additional component data not shown.

Skin corrosion/irritation: Prolonged skin contact may cause temporary irritation.

Serious eye damage/eye irritation: Causes serious eye irritation.

Respiratory or skin sensitization:
Respiratory sensitization: Not a respiratory sensitizer.
Skin sensitization: This product is not expected to cause skin sensitization.

Germ cell mutagenicity: No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.

Carcinogenicity: Risk of cancer cannot be excluded with prolonged exposure.

IARC Monographs. Overall Evaluation of Carcinogenicity:
Not listed.

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050):
Not regulated.

US. National Toxicology Program (NTP) Report on Carcinogens
Not Listed.

Reproductive toxicity:
This product is not expected to cause reproductive or developmental effects.

Specific target organ toxicity - single exposure:

May cause drowsiness and dizziness.

Specific target organ toxicity - repeated exposure:

Not classified.

Aspiration hazard:

Not likely, due to the form of the product.

Chronic effects:

Prolonged inhalation may be harmful. Prolonged exposure may cause chronic effects.

SECTION 12 ECOLOGICAL INFORMATION

Ecotoxicity: Harmful to aquatic life with long lasting effects.

Components/CAS	Test	Species	Test Results
Acetone /67-64-1	Aquatic Crustacea EC50	Water flea (Daphnia magna)	21.6 - 23.9 mg/l, 48 hr.
	Aquatic Fish LC50	Rainbow trout, donaldson trout (Oncorhynchus mykiss)	4740 - 6330 mg/l, 96 hours
Dimethyl Ether/ 115-10-6	Aquatic Crustacea EC50	Water flea (Daphnia pulex)	4.3 - 7.8 mg/l, 48 hours
	Aquatic Fish LC50	Striped bass (Morone saxatilis)	10.302 - 16.743 mg/l, 96 hr.
Methyl Acetate/ 79-20-9	Aquatic Algae IC50	Algae	120.0001 mg/l, 72 hours
	Aquatic Crustacea EC50	Daphnia	1026.7 mg/l, 48 hours
	Aquatic Fish LC50	Fathead minnow (Pimephales promelas)	295-348 mg/l, 96 hours
n-Heptane/142-82-5	Aquatic Fish LC50	Mozambique tilapia (Tilapia mossambica)	375 mg/l, 96 hours

* Estimates for product may be based on additional component data not shown.

Persistence and degradability:

No data is available on the degradability of this product.

Bioaccumulative potential:

Partition coefficient n-octanol / water (log Kow):

Acetone	-0.24
Butane	2.89
Dimethyl Ether	0.1
Methyl Acetate	0.18
n-Heptane	4.66
Propane	2.36

Mobility in soil:

No data available.

Other adverse effects:

No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.

SECTION 13 DISPOSAL CONSIDERATIONS

Disposal instructions:

Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Contents under pressure. Do not puncture, incinerate or crush. Do not allow this material to drain into sewers/water supplies. Do not contaminate ponds, waterways or ditches with chemical or used container. Dispose of contents/container in accordance with local/regional/national/international regulations.

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:

Since emptied containers may retain product residue, follow label warnings even after container is emptied. Empty containers should be taken to an approved waste handling site for recycling or disposal. Do not re-use empty containers.

SECTION 14 TRANSPORT INFORMATION

DOT

UN number:	UN1950
UN proper shipping name:	Aerosols, flammable (each not exceeding 1 L capacity)
Transport hazard class(es):	
Class:	2.1
Subsidiary risk:	-
Label(s):	2.1
Packing group:	Not applicable.
Special precautions for user:	Not available.
Special provisions:	N82
Packaging exceptions:	306
Packaging non bulk:	None
Packaging bulk:	None

This product meets the exception requirements of section 173.306 as a limited quantity and may be shipped as a limited quantity. Until 12/31/2020, the "Consumer Commodity - ORM-D" marking may still be used in place of the new limited quantity diamond mark for packages of UN 1950 Aerosols. Limited quantities require the limited quantity diamond mark on cartons after 12/31/20 and may be used now in place of the "Consumer Commodity ORM-D" marking.

IATA

UN number: UN1950
UN proper shipping name: Aerosols, flammable
Transport hazard class(es):
 Class 2.1
 Subsidiary risk -
 Label(s) 2.1
Packing group Not applicable.
Environmental hazards No
ERG Code 10L
Special precautions for user:
 Read safety instructions, SDS and emergency procedures before handling.
Other information:
 Passenger and cargo: Allowed with restrictions.
 Aircraft Cargo aircraft only: Allowed with restrictions.
Packaging Exceptions: LTD QTY

IMDG

UN number: UN1950
UN proper shipping name: AEROSOLS
Transport hazard class(es):
 Class: 2.1
 Subsidiary risk: -
 Label(s): None
Packing group: Not applicable.
Environmental hazards:
 Marine pollutant: No
EmS: F-D, S-U
Special precautions for user:
 Read safety instructions, SDS and emergency procedures before handling.
Packaging Exceptions: LTD QTY

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code:
Not applicable.

DOT



IATA; IMDG



SECTION 15 REGULATORY INFORMATION

US federal regulations:

This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

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

Parachlorobenzotrifluoride (PCBTF) (CAS 98-56-6) 1.0% One-Time Export Notification only.

CERCLA Hazardous Substance List (40 CFR 302.4)

Acetone (CAS 67-64-1): Listed

SARA 304 Emergency release notification:

Not regulated.

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050):

Not listed.

Superfund Amendments and Reauthorization Act of 1986 (SARA):

Hazard categories:

Immediate Hazard	Yes
Delayed Hazard	No
Fire Hazard	Yes
Pressure Hazard	Yes
Reactivity Hazard	No

SARA 302 Extremely hazardous substance:

Not listed.

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:

Not Regulated.

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

Butane (CAS 106-97-8)

Dimethyl Ether (CAS 115-10-6)

Propane (CAS 74-98-6)

Safe Drinking Water Act (SDWA):

Not regulated.

Drug Enforcement Administration (DEA). List 2, Essential Chemicals

(21 CFR 1310.02(b) and 1310.04(f)(2) and Chemical Code Number:

Acetone (CAS 67-64-1) 6532

Drug Enforcement Administration (DEA). List 1 & 2 Exempt Chemical Mixtures

(21 CFR 1310.12(c)):

Acetone (CAS 67-64-1) 35 %WV

DEA Exempt Chemical Mixtures Code Number:

Acetone (CAS 67-64-1) 6532

US state regulations

US. California Controlled Substances. CA Department of Justice

(California Health and Safety Code Section 11100):

Not Listed

**US. California Candidate Chemicals List. Safer Consumer Products Regulations
(Cal. Code Regs, tit. 22, 69502.3 subd. (a)) :**

Acetone (CAS 67-64-1)
Butane (CAS 106-97-8)

US. Massachusetts RTK - Substance List:

Acetone (CAS 67-64-1)
Butane (CAS 106-97-8)
Dimethyl Ether (CAS 115-10-6)
Methyl Acetate (CAS 79-20-9)
n-Heptane (CAS 142-82-5)
Propane (CAS 74-98-6)

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

Acetone (CAS 67-64-1)
Butane (CAS 106-97-8)
Dimethyl Ether (CAS 115-10-6)
Methyl Acetate (CAS 79-20-9)
n-Heptane (CAS 142-82-5)
Propane (CAS 74-98-6)

US. Pennsylvania Worker and Community Right-to-Know Law:

Acetone (CAS 67-64-1)
Butane (CAS 106-97-8)
Dimethyl Ether (CAS 115-10-6)
Methyl Acetate (CAS 79-20-9)
n-Heptane (CAS 142-82-5)
Propane (CAS 74-98-6)

US. Rhode Island RTK:

Acetone (CAS 67-64-1)
Butane (CAS 106-97-8)
Dimethyl Ether (CAS 115-10-6)
Propane (CAS 74-98-6)

US. California Proposition 65:

WARNING: This product contains a chemical known to the State of California to cause birth defects or other reproductive harm.

US – California Proposition 65 – CRT: Listed date/Carcinogenic substance.

Acetaldehyde (CAS 75-07-0)	Listed: April 1, 1988
Benzene (CAS 71-43-2)	Listed: February 27, 1987
Ethyl Benzene (CAS 100-41-4)	Listed: June 11, 2004
Naphthalene (CAS 91-20-3)	Listed: April 19, 2002

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

Benzene (CAS 71-43-2)	Listed: February 27, 1987
Methanol (CAS 67-56-1)	Listed: March 16, 2012
Toluene (CAS 108-88-3)	Listed: January 1, 1991

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

Benzene (CAS 71-43-2)	Listed: December 26, 1997
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International Inventories

Country(s) or region	Inventory name	On inventory (yes/no)*
Australia	Australian Inventory of Chemical Substances (AICS)	No
Canada	Domestic Substances List (DSL)	Yes
Canada	Non-Domestic Substances List (NDSL)	No
China	Inventory of Existing Chemical Substances in China (IECSC)	Yes
Europe	European Inventory of Existing Commercial Chemical Substances (EINECS)	No
Europe	European List of Notified Chemical Substances (ELINCS)	No
Japan	Inventory of Existing and New Chemical Substances (ENCS)	No
Korea	Existing Chemicals List (ECL)	No
New Zealand	New Zealand Inventory	No
Philippines	Philippine Inventory of Chemicals and Chemical Substances (PICCS)	No
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	Yes

- A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s) A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).

SECTION 16 OTHER INFORMATION

HMIS RATING: HEALTH: 2 FLAMMABILITY: 4 REACTIVITY: 1
 Personal protection rating to be supplied by user depending on use conditions.

PREPARATION INFORMATION:

DATE CREATED: 03/18/2011 LAST REVISION: 08/14/2018
 CREATED/REVISED BY: R. Lasnik

This information relates only to the specific material designated herein and does not relate to use in combination with any other material or in any process. Such information is to the best of our knowledge and belief, accurate and reliable as of the date compiled. However, no representation, warranty or guarantee is made as to its accuracy, reliability, or completeness. It is the user's responsibility to satisfy himself as to the suitability and completeness of this information for his own particular use. We do not accept liability for any loss or damage that may occur from the use of this information nor do we offer warranty against patent infringement.

End of SDS