SAFETY DATA SHEET

Classified in accordance 29 CFR 1910.1200

1. Identification

Product identifier: DIVERGENT RESILIENT SPRAY ADHESIVE

Other means of identification SDS number: RE1000045299

Recommended restrictions Recommended use: Adhesive Restrictions on use: Not known.

Manufacturer Information

Manufacturer

Company Name:	DIVERGENT ADHESIVES
Address:	176 GLENWOOD LN
	GRAY COURT, SC 29645
	US
Telephone:	407-383-6446

Emergency telephone number: 1-866-836-8855

2. Hazard(s) identification

Hazard Classification Physical Hazards

Gases under pressure

Compressed gas

Health Hazards

Skin Corrosion/IrritationCategory 2Serious Eye Damage/Eye IrritationCategory 2A

Label Elements

Hazard Symbol:



Signal Word:	Warning
Hazard Statement:	Contains gas under pressure; may explode if heated. Causes skin irritation. Causes serious eye irritation.

Precautionary Statements

Prevention:	Wash thoroughly after handling. Wear protective gloves/protective
	clothing/eye protection/face protection.

Response:	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention. IF ON SKIN: Wash with plenty of water If skin irritation occurs: Get medical advice/attention. Specific treatment (see on this label). Take off contaminated clothing.
Storage:	Protect from sunlight. Store in a well-ventilated place.
Hazard(s) not otherwise classified (HNOC):	None.

3. Composition/information on ingredients

Mixtures

Chemical Identity	CAS number	Content in percent (%)*
Acrylic ester acrylic acid acrylonitrile co-polymer	55973-76-7	20 - <50%
Ethane, 1,1-difluoro-	75-37-6	10 - <30%
* All concentrations are percent by weight uplace in	anadiantia a maa Caa	and a set that is many in the second by such

* All concentrations are percent by weight unless ingredient is a gas. Gas concentrations are in percent by volume.

The exact concentration has been withheld as a trade secret.

4. First-aid measures

Description of necessary first-aid measures

Inhalation:	Move to fresh air.	
Skin Contact:	Immediately flush with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Wash contaminated clothing before reuse. Get medical attention.	
Eye contact:	Immediately flush with plenty of water for at least 15 minutes. If easy to do, remove contact lenses. Get medical attention.	
Ingestion:	Call a POISON CENTER/doctor if you feel unwell. Rinse mouth.	
Personal Protection for First- aid Responders:	Firefighters must use standard protective equipment including flame retardant coat, helmet with face shield, gloves, rubber boots, and in enclosed spaces, SCBA.	
Most important symptoms/effects, acute and delayed		
Symptoms:	No data available.	
Hazards:	No data available.	
Indication of immediate medical attention and special treatment needed		
Treatment:	Get medical attention if symptoms occur.	
5. Fire-fighting measures		
General Fire Hazards:	Use water spray to keep fire-exposed containers cool. Fight fire from a protected location. Stop flow of gas. Move containers from fire area if you can do so without risk.	
Suitable (and unsuitable) extinguishing media		
Suitable extinguishing media:	Use fire-extinguishing media appropriate for surrounding materials.	

	Version: 1.0 Revision Date: 05/12/2021
Unsuitable extinguishing media:	Do not use water jet as an extinguisher, as this will spread the fire.
Specific hazards arising from the chemical:	Pressurized container may explode when exposed to heat or flame.
Special protective equipment an	d precautions for firefighters
Special fire fighting procedures:	No data available.
Special protective equipment for fire-fighters:	Firefighters must use standard protective equipment including flame retardant coat, helmet with face shield, gloves, rubber boots, and in enclosed spaces, SCBA.
6. Accidental release measure	S
Personal precautions, protective equipment and emergency procedures:	See Section 8 of the SDS for Personal Protective Equipment. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Keep unauthorized personnel away.
Accidental release measures:	Prevent entry into waterways, sewer, basements or confined areas. Stop the flow of material, if this is without risk.
Methods and material for containment and cleaning up:	Absorb spill with vermiculite or other inert material, then place in a container for chemical waste.
Environmental Precautions:	Do not contaminate water sources or sewer. Prevent further leakage or spillage if safe to do so.
7. Handling and storage	
Handling	
Technical measures (e.g. Local and general ventilation):	No data available.

and general ventilation):	
Safe handling advice:	Avoid contact with eyes. Wash hands thoroughly after handling. Avoid contact with skin.
Contact avoidance measures:	No data available.
Storage	
Safe storage conditions:	Protect from sunlight. Store in a cool place. Aerosol Level 1
Safe packaging materials:	No data available.
Storage Temperature:	No data available.

8. Exposure controls/personal protection

Control Parameters

Occupational Exposure Limits

Chemical Identity	Туре	Exposure	Limit Values	Source
Morpholine	REL	20 ppm	70 mg/m3	US. NIOSH: Pocket Guide to Chemical Hazards, as amended
	STEL	30 ppm	105 mg/m3	US. NIOSH: Pocket Guide to Chemical Hazards, as amended
	TWA	20 ppm		US. ACGIH Threshold Limit Values, as amended
	TWA	20 ppm	70 mg/m3	US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended
	STEL	30 ppm	105 mg/m3	US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended
	PEL	20 ppm	70 mg/m3	US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR

			1910.1000), as amended
2-Propenenitrile	TWA	2 ppm	US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended
	TWA	2 ppm	US. ACGIH Threshold Limit Values, as amended
	TWA	2 ppm	US. OSHA Specifically Regulated Substances (29 CFR
			1910.1001-1053), as amended
	REL	1 ppm	US. NIOSH: Pocket Guide to Chemical Hazards, as amended
	Ceil_	10 ppm	US. NIOSH: Pocket Guide to Chemical Hazards, as amended
	Time		
	Ceiling	10 ppm	US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended
	STEL	10 ppm	US. OSHA Specifically Regulated Substances (29 CFR
			1910.1001-1053), as amended
	OSHA	1 ppm	US. OSHA Specifically Regulated Substances (29 CFR
	_ACT		1910.1001-1053), as amended

Exposure guidelines

Exposure guidennes		
Morpholine	US. ACGIH Threshold Limit Values, as amended	Can be absorbed through the skin.
2-Propenenitrile	US. ACGIH Threshold Limit Values, as amended	Can be absorbed through the skin.
Appropriate Enginee Controls	ring No data available.	
Individual protection	measures, such as personal protective equipr	nent
Eye/face protection:	Wear safety glasses with side shield	ds (or goggles).
Skin Protection Hand Protection:	No data available.	
Skin and Body Prote		. Contact health and safety professional
Respiratory Protecti	on: In case of inadequate ventilation us local supervisor.	e suitable respirator. Seek advice from
Hygiene measures:	, , ,	ood industrial hygiene practices. Wash . Avoid contact with skin. Wash hands r handling the product.

9. Physical and chemical properties

Physical state:liquidForm:Spray AerosolColor:No data available.Odor:No data available.Odor Threshold:No data available.pH:No data available.pH:No data available.Freezing point:No data available.Boiling Point:No data available.Flash Point:Not applicableEvaporation Rate:No data available.Flammability (solid, gas):Non-flammable AerosolExplosive limit - upper (%):No data available.Vapor pressure:No data available.Vapor density (air=1):No data available.Density:No data available.Relative density:No data available.Solubility in Water:No data available.Solubility (other):No data available.	Appearance	
Color:No data available.Odor:No data available.Odor Threshold:No data available.pH:No data available.pH:No data available.Freezing point:No data available.Boiling Point:No data available.Flash Point:No data available.Flash Point:No data available.Flash Point:No data available.Flash Point:No data available.Flammability (solid, gas):Non-flammable AerosolExplosive limit - upper (%):No data available.Explosive limit - lower (%):No data available.Vapor pressure:No data available.Vapor density (air=1):No data available.Density:No data available.Relative density:No data available.Solubility in Water:No data available.	Physical state:	liquid
Odor:No data available.Odor:No data available.Odor Threshold:No data available.pH:No data available.Freezing point:No data available.Boiling Point:No data available.Flash Point:Not applicableEvaporation Rate:No data available.Flammability (solid, gas):Non-flammable AerosolExplosive limit - upper (%):No data available.Explosive limit - lower (%):No data available.Vapor pressure:No data available.Vapor density (air=1):No data available.Density:No data available.Relative density:No data available.Solubility in Water:No data available.	Form:	Spray Aerosol
Odor Threshold:No data available.pH:No data available.Freezing point:No data available.Boiling Point:No data available.Flash Point:No data available.Flash Point:No data available.Flammability (solid, gas):Non-flammable AerosolExplosive limit - upper (%):No data available.Explosive limit - lower (%):No data available.Vapor pressure:No data available.Vapor density (air=1):No data available.Density:No data available.Relative density:No data available.Solubility in Water:No data available.	Color:	No data available.
pH:No data available.Freezing point:No data available.Boiling Point:No data available.Boiling Point:No data available.Flash Point:Not applicableEvaporation Rate:No data available.Flammability (solid, gas):Non-flammable AerosolExplosive limit - upper (%):No data available.Explosive limit - lower (%):No data available.Vapor pressure:No data available.Vapor density (air=1):No data available.Density:No data available.Relative density:No data available.Solubility in Water:No data available.	Odor:	No data available.
Freezing point:No data available.Boiling Point:No data available.Flash Point:Not applicableEvaporation Rate:No data available.Flammability (solid, gas):Non-flammable AerosolExplosive limit - upper (%):No data available.Explosive limit - lower (%):No data available.Vapor pressure:No data available.Vapor density (air=1):No data available.Density:No data available.Relative density:No data available.Solubility in Water:No data available.	Odor Threshold:	No data available.
Boiling Point:No data available.Flash Point:Not applicableEvaporation Rate:No data available.Flammability (solid, gas):Non-flammable AerosolExplosive limit - upper (%):No data available.Explosive limit - lower (%):No data available.Vapor pressure:No data available.Vapor density (air=1):No data available.Density:No data available.Relative density:No data available.Solubility in Water:No data available.	pH:	No data available.
Flash Point:Not applicableEvaporation Rate:No data available.Flammability (solid, gas):Non-flammable AerosolExplosive limit - upper (%):No data available.Explosive limit - lower (%):No data available.Vapor pressure:No data available.Vapor density (air=1):No data available.Density:No data available.Relative density:No data available.Solubility in Water:No data available.	Freezing point:	No data available.
Evaporation Rate:No data available.Flammability (solid, gas):Non-flammable AerosolExplosive limit - upper (%):No data available.Explosive limit - lower (%):No data available.Vapor pressure:No data available.Vapor density (air=1):No data available.Density:No data available.Relative density:No data available.Solubility in Water:No data available.	Boiling Point:	No data available.
Flammability (solid, gas):Non-flammable AerosolExplosive limit - upper (%):No data available.Explosive limit - lower (%):No data available.Vapor pressure:No data available.Vapor density (air=1):No data available.Density:No data available.Relative density:No data available.Solubility in Water:No data available.	Flash Point:	Not applicable
Explosive limit - upper (%):No data available.Explosive limit - lower (%):No data available.Vapor pressure:No data available.Vapor density (air=1):No data available.Density:No data available.Relative density:No data available.Solubility in Water:No data available.	Evaporation Rate:	No data available.
Explosive limit - lower (%):No data available.Vapor pressure:No data available.Vapor density (air=1):No data available.Density:No data available.Relative density:No data available.Solubility in Water:No data available.	Flammability (solid, gas):	Non-flammable Aerosol
Vapor pressure:No data available.Vapor density (air=1):No data available.Density:No data available.Relative density:No data available.Solubility in Water:No data available.	Explosive limit - upper (%):	No data available.
Vapor density (air=1):No data available.Density:No data available.Relative density:No data available.Solubility in Water:No data available.	Explosive limit - lower (%):	No data available.
Density:No data available.Relative density:No data available.Solubility in Water:No data available.	Vapor pressure:	No data available.
Relative density:No data available.Solubility in Water:No data available.	Vapor density (air=1):	No data available.
Solubility in Water: No data available.	Density:	No data available.
-	Relative density:	No data available.
Solubility (other): No data available.	Solubility in Water:	No data available.
	Solubility (other):	No data available.

Partition coefficient (n-octanol/water):	No data available.
Self Ignition Temperature:	No data available.
Decomposition Temperature:	No data available.
Kinematic viscosity:	No data available.
Dynamic viscosity:	No data available.
Explosive properties:	No data available.
Oxidizing properties:	No data available.

10. Stability and reactivity

Reactivity:	No data available.
Chemical Stability:	Material is stable under normal conditions.
Possibility of hazardous reactions:	No data available.
Conditions to avoid:	Avoid heat or contamination.
Incompatible Materials:	No data available.
Hazardous Decomposition Products:	No data available.

11. Toxicological information

Information on likely routes of exposure

Inhalation:	No data available.
Skin Contact:	No data available.
Eye contact:	No data available.
Ingestion:	No data available.
Symptoms related to the physical, chemical and toxicological characteristics	
Inhalation:	No data available.
Skin Contact:	No data available.
Eye contact:	No data available.
Ingestion:	No data available.
Information on toxicological effe	cts
Acute toxicity (list all possible routes of exposure)	
Oral Product:	Not classified for acute toxicity based on available data.
Dermal Product:	Not classified for acute toxicity based on available data.
Inhalation Product:	Not classified for acute toxicity based on available data.
Repeated dose toxicity Product:	No data available.

Components: Ethane, 1,1-difluoro-	NOAEL (Rat(Female, Male), Inhalation, 104 Weeks): 2.5 %(m) Inhalation Experimental result, Key study
Skin Corrosion/Irritation Product:	No data available.
Components: Acrylic ester acrylic acid acrylonitrile co- polymer	estimated Irritating.
Ethane, 1,1-difluoro-	estimated Not irritating
Serious Eye Damage/Eye Irrit Product:	No data available.
Respiratory or Skin Sensitiza Product:	tion No data available.
Carcinogenicity Product:	No data available.
IARC Monographs on the Eva No carcinogenic compon	aluation of Carcinogenic Risks to Humans: ents identified
US. National Toxicology Prog No carcinogenic compon	ram (NTP) Report on Carcinogens: ents identified
US. OSHA Specifically Regulation No carcinogenic compon	ated Substances (29 CFR 1910.1001-1050), as amended: ents identified
Germ Cell Mutagenicity	
In vitro Product:	No data available.
In vivo Product:	No data available.
Reproductive toxicity Product:	No data available.
Specific Target Organ Toxicit Product:	y - Single Exposure No data available.
Specific Target Organ Toxicit Product:	y - Repeated Exposure No data available.
Aspiration Hazard Product:	No data available.
Other effects:	No data available.
12. Ecological information	

Ecotoxicity:

Acute hazards to the aquatic environment:

Fish Product:

No data available.

Aquatic Invertebrates Product:	No data available.
Chronic hazards to the aquati	c environment:
Fish	
Product:	No data available.
Aquatic Invertebrates Product:	No data available.
Toxicity to Aquatic Plants Product:	No data available.
Persistence and Degradability	
Biodegradation Product:	No data available.
BOD/COD Ratio Product:	No data available.
Bioaccumulative potential	
Bioconcentration Factor (BC Product:	CF) No data available.
Partition Coefficient n-octanol / water (log Kow) Product: No data available.	
Mobility in soil:	No data available.
Components: Acrylic ester acrylic acid ac Ethane, 1,1-difluoro-	rylonitrile co-polymer No data available. No data available.
Other adverse effects:	No data available.
13. Disposal considerations	
Disposal instructions:	Wash before disposal. Dispose to controlled facilities.
Contaminated Packaging:	No data available.
14. Transport information	
DOT UN Number: UN Proper Shipping Name: Transport Hazard Class(es) Class: Label(s):	UN 1950 Aerosols, non-flammable 2.2 –
EmS No.:	
Packing Group	

Packing Group: – Special precautions for user: Not regulated.

IATA UN Number: UN Proper Shipping Name: Transport Hazard Class(es): Class: Label(s):	UN 1950 Aerosols, non-flammable 2.2 –
Packing Group: Special precautions for user: Other information Passenger and cargo aircraft: Cargo aircraft only:	– Not regulated. Allowed. 203 Allowed. 203
IMDG UN Number: UN Proper Shipping Name: Transport Hazard Class(es) Class: Label(s): EmS No.:	UN 1950 Aerosols, non-flammable 2.2 –
Packing Group: Special precautions for user:	– Not regulated.

15. Regulatory information

US Federal Regulations

Restrictions on use: Not known.

TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D) US. Toxic Substances Control Act (TSCA) Section 5(a)(2) Final Significant New Use Rules (SNURs) (40 CFR 721, Subpt E)

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

Chemical Identity	<u>OSHA hazard(s)</u>
2-Propenenitrile	Eye irritation
	Acute toxicity
	Liver
	Central nervous system
	Flammability
	Skin irritation
	Skin sensitization
	Respiratory irritation
	Cancer

CERCLA Hazardous Substance List (40 CFR 302.4):

Chemical Identity

Ethane, 1,1-difluoro-UNLISTED HAZARDOUS WASTES CHARACTERISTIC OF IGNITABILITY RCRA HAZARDOUS WASTE NO. D001 ACRYLONITRILE

Superfund Amendments and Reauthorization Act of 1986 (SARA)

Hazard categories

Gas under pressure, Skin Corrosion or Irritation, Serious eye damage or eye irritation

US. EPCRA (SARA Title III) Section 304 Extremely Hazardous Substances Reporting Quantities and the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) Hazardous Substances

Chemical Identity 2-Propenenitrile

US. EPA Emergency Planning and Community Right-To-Know Act (EPCRA) SARA Title III Section 313 Toxic Chemicals (40 CFR 372.65) - Supplier Notification Required None present or none present in regulated quantities.

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

Clean Water Act Section 311 Hazardous Substances (40 CFR 117.3)

US State Regulations

US. California Proposition 65



WARNING: This product can expose you to chemicals including, 2-Propene nitrile which is [are] known to the State of California to cause cancer.

For more information go to www.P65Warnings.ca.gov.

US. New Jersey Worker and Community Right-to-Know Act <u>Chemical Identity</u> Ethane, 1,1-difluoro-

US. Massachusetts RTK - Substance List Chemical Identity

2-Propenenitrile

US. Pennsylvania RTK - Hazardous Substances

No ingredient regulated by PA Right-to-Know Law present.

US. Rhode Island RTK

No ingredient regulated by RI Right-to-Know Law present.

International regulations

Montreal protocol Ethane, 1,1-difluoro- Group I Annex F

Stockholm convention Ethane, 1,1-difluoro-

Rotterdam convention Ethane, 1,1-difluoro-

Kyoto protocol

Inventory Status: Australia AICS	Not in compliance with the inventory.
Canada DSL Inventory List	Not in compliance with the inventory.
Canada NDSL Inventory	Not in compliance with the inventory.
Ontario Inventory	Not in compliance with the inventory.
China Inv. Existing Chemical Substances	On or in compliance with the inventory
Japan (ENCS) List	Not in compliance with the inventory.
Japan ISHL Listing	Not in compliance with the inventory.
Japan Pharmacopoeia Listing	Not in compliance with the inventory.
Korea Existing Chemicals Inv. (KECI)	Not in compliance with the inventory.
Mexico INSQ	Not in compliance with the inventory.
New Zealand Inventory of Chemicals	On or in compliance with the inventory
Philippines PICCS	Not in compliance with the inventory.
Taiwan Chemical Substance Inventory	Not in compliance with the inventory.
US TSCA Inventory	On or in compliance with the inventory
EINECS, ELINCS or NLP	Not in compliance with the inventory.

16.Other information, including date of preparation or last revision

Issue Date:	05/12/2021
Revision Information:	No data available.
Version #:	1.0
Further Information:	No data available.
Disclaimer:	This information is provided without warranty. The information is believed to be correct. This information should be used to make an independent determination of the methods to safeguard workers and the environment.