

**1. IDENTIFICATION****Product identifier****Product Name** AF-3490 Pressure Sensitive Adhesive / AF-3490 Adhésif autocollant**Other means of identification****Product Code(s)** YAF3490-D**Alternate Product Code(s)** AF3490-015, AF3490-378, AF3490-950**Product Type** Adhesive.**Recommended use of the chemical and restrictions on use****Recommended Use** For industrial use only.**Uses advised against** No information available**Details of the supplier of the safety data sheet****Supplier Address**Dural  
550 Marshall Ave.  
Dorval, QC  
Canada  
H9P 1C9**Company Phone Number**

800-361-2340

**Emergency telephone number****Emergency Telephone Number** CANUTEC 613-996-6666**2. HAZARDS IDENTIFICATION****Classification****OSHA Regulatory Status**

This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

**WHMIS Statement**

Classification complies with Canadian Hazardous Products Regulations (WHMIS 2015).

Skin sensitization

Category 1

**Label elements****Emergency Overview****Signal Word** Warning**Hazard Statements**

May cause an allergic skin reaction.



**Appearance** Beige

**Physical state** Liquid

**Odor** Mild

#### **Precautionary Statements**

##### **Precautionary Statements - Prevention**

Avoid breathing dust/fume/gas/mist/vapors/spray. Contaminated work clothing should not be allowed out of the workplace. Wear protective gloves.

##### **Precautionary Statements - Response**

Specific treatment (see Section 4 on this SDS).

In the case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

IF ON SKIN: Wash with plenty of soap and water. If skin irritation or rash occurs: Get medical advice/attention. Wash contaminated clothing before reuse.

##### **Precautionary Statements - Storage**

Keep from freezing.

##### **Precautionary Statements - Disposal**

Dispose of in accordance with federal, state and local regulations.

##### **Hazards not otherwise classified (HNOC)**

None under normal processing.

##### **Other information**

Unknown acute toxicity

16.59781 % of the mixture consists of ingredient(s) of unknown toxicity

### **3. COMPOSITION/INFORMATION ON INGREDIENTS**

#### **Substance**

<b>Chemical name</b>	<b>CAS No.</b>	<b>Weight-%</b>	<b>Trade Secret</b>
Limestone	1317-65-3	10 - 30	*
Distillates, petroleum, solvent-refined heavy naphthenic	64741-96-4	5 - 13	*
Triethanolamine	102-71-6	1 - 5	*
Propylene carbonate	108-32-7	0.1 - 1.0	*
3(2H)-Isothiazolone, 5-chloro-2-methyl-	26172-55-4	< 0.1%	*

\*The exact percentage (concentration) of composition has been withheld as a trade secret.

### **4. FIRST AID MEASURES**

#### **Description of first aid measures**

##### **Eye Contact**

Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a physician.

##### **Skin Contact**

Wash off immediately with soap and plenty of water. Take off contaminated clothing and wash before reuse. In the case of skin irritation or allergic reactions see a physician.

##### **Inhalation**

Remove to fresh air.

##### **Ingestion**

None under normal use conditions. Clean mouth with water and drink afterwards plenty of water. Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Consult a physician if necessary.

##### **Notes to Physician**

Treat symptomatically.

## 5. FIRE-FIGHTING MEASURES

### Suitable Extinguishing Media

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment

### Unsuitable Extinguishing Media

Specific test data for the substance or mixture is not available.

### Specific Hazards Arising from the Chemical

Do not allow run-off from fire-fighting to enter drains or water courses. Dried product is capable of burning. Sealed containers may rupture when heated.

### Explosion data

**Sensitivity to mechanical impact** None.

**Sensitivity to static discharge** None.

### Protective Equipment and Precautions for Firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

## 6. ACCIDENTAL RELEASE MEASURES

### Personal precautions, protective equipment and emergency procedures

#### **Personal Precautions**

Use personal protection equipment. Ensure adequate ventilation. If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Respiratory protection must be provided in accordance with current local regulations.

#### Environmental precautions

#### **Environmental precautions**

See Section 12 for additional Ecological Information.

### Methods and material for containment and cleaning up

#### **Methods for Cleaning Up**

Pick up and transfer to properly labeled containers. Prevent environmental discharge consistent with regulatory requirements. Disposal should be in accordance with applicable regional, national and local laws and regulations.

## 7. HANDLING AND STORAGE

### Precautions for safe handling

#### **Handling**

Handle in accordance with good industrial hygiene and safety practice. Avoid contact with eyes, skin and clothing.

### Conditions for safe storage, including any incompatibilities

#### **Storage**

Keep containers tightly closed in a cool, well-ventilated place. Keep from freezing.

#### **Incompatible Products**

WATER REACTIVE MATERIALS.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Control parameters

#### **Exposure Guidelines**

Chemical name	ACGIH TLV	OSHA PEL	NIOSH IDLH	AIHA - WEEL
Limestone 1317-65-3	-	TWA: 15 mg/m <sup>3</sup> TWA: 5 mg/m <sup>3</sup> (vacated) TWA: 15 mg/m <sup>3</sup> (vacated) TWA: 5 mg/m <sup>3</sup>	TWA: 10 mg/m <sup>3</sup> TWA: 5 mg/m <sup>3</sup>	-
Triethanolamine 102-71-6	TWA: 5 mg/m <sup>3</sup>	-	-	-

### Appropriate engineering controls

#### **Engineering Measures**

Showers

Eyewash stations  
Ventilation systems.

### **Individual protection measures, such as personal protective equipment**

<b>Eye/Face Protection</b>	Avoid contact with eyes. Eye protection.
<b>Skin and Body Protection</b>	Wear protective gloves/protective clothing.
<b>Respiratory Protection</b>	If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.

**Hygiene Measures** Handle in accordance with good industrial hygiene and safety practice. Do not eat, drink or smoke when using this product. Wash hands before breaks and immediately after handling the product. Take off contaminated clothing and wash before reuse.

## **9. PHYSICAL AND CHEMICAL PROPERTIES**

### **Information on basic physical and chemical properties**

<b>Physical state</b>	Liquid	<b>Odor</b>	Mild
<b>Appearance</b>	Beige	<b>Odor threshold</b>	No data available
<b>Color</b>	Beige		

<b><u>Property</u></b>	<b><u>Values</u></b>	<b><u>Remarks • Method</u></b>
<b>pH</b>	8.5	Range: 8 - 9
<b>Melting point / freezing point</b>	No data available	
<b>Boiling Point / Boiling Range</b>	No information available	
<b>Flash point</b>	No information available	
<b>Evaporation rate</b>	No information available	
<b>Flammability</b>	No information available	
<b>Flammability Limit in Air</b>		
<b>Upper flammability or explosive limits</b>	No information available	
<b>Lower flammability or explosive limits</b>	No information available	
<b>Vapor pressure</b>	Negligible	
<b>Relative vapor density</b>	No information available	
<b>Specific Gravity</b>	1.08	
<b>Water Solubility</b>	Miscible with water	
<b>Solubility in other solvents</b>	Specific test data for the substance or mixture is not available	
<b>Partition coefficient</b>	No information available	
<b>Autoignition temperature</b>	No data available	
<b>Decomposition temperature</b>	No information available	
<b>Kinematic viscosity</b>	No information available	
<b>Dynamic viscosity</b>	10500 - 12500 cps	@ 25 °C
<b>Explosive Properties</b>	No information available	
<b>Oxidizing Properties</b>	No information available	

### **Other information**

<b>Softening Point</b>	Specific test data for the substance or mixture is not available
<b>Solids</b>	56 - 58 %

## **10. STABILITY AND REACTIVITY**

### **Reactivity**

None under normal processing

### **Chemical stability**

Stable under recommended storage conditions.

### **Possibility of hazardous reactions**

None under normal processing.

**Conditions to avoid**

Excessive heat.

**Incompatible materials**

WATER REACTIVE MATERIALS.

**Hazardous decomposition products**

Thermal decomposition can lead to release of irritating gases and vapors. Carbon oxides. Calcium oxides. Nitrogen oxides (NOx).

**11. TOXICOLOGICAL INFORMATION****Information on likely routes of exposure**

<b>Inhalation</b>	May cause irritation of respiratory tract.
<b>Eye Contact</b>	Contact with eyes may cause irritation.
<b>Skin Contact</b>	Repeated exposure may cause skin dryness or cracking. May cause sensitization by skin contact.
<b>Ingestion</b>	Not an expected route of exposure. May be harmful if swallowed.

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Distillates, petroleum, solvent-refined heavy naphthenic 64741-96-4	> 5000 mg/kg ( Rat )	> 5000 mg/kg ( Rabbit )	-
Triethanolamine 102-71-6	= 4190 mg/kg ( Rat )	> 20000 mg/kg ( Rabbit )	-
Propylene carbonate 108-32-7	= 29000 mg/kg ( Rat )	> 3000 mg/kg ( Rabbit )	-
3(2H)-Isothiazolone, 5-chloro-2-methyl- 26172-55-4	= 481 mg/kg ( Rat ) = 53 mg/kg ( Rat )	-	= 1.23 mg/L ( Rat ) 4 h

**Symptoms related to the physical, chemical and toxicological characteristics**

**Symptoms** Specific test data for the substance or mixture is not available.

**Delayed and immediate effects as well as chronic effects from short and long-term exposure**

**Sensitization** May cause sensitization in susceptible persons.  
**Mutagenic Effects** Specific test data for the substance or mixture is not available.  
**Carcinogenicity** The table below indicates whether each agency has listed any ingredient as a carcinogen

Chemical name	ACGIH	IARC	NTP	OSHA
Distillates, petroleum, solvent-refined heavy naphthenic 64741-96-4	A2	Group 1	Known	X
Triethanolamine 102-71-6	-	Group 3	-	-

**Reproductive Toxicity** No information available  
**STOT - single exposure** No information available.  
**STOT - repeated exposure** No information available.  
**Aspiration Hazard** No information available.

**Numerical measures of toxicity - Product Information**

The following values are calculated based on chapter 3.1 of the GHS document

<b>ATEmix (oral)</b>	34,176.70
<b>ATEmix (dermal)</b>	31,639.00

**12. ECOLOGICAL INFORMATION****Ecotoxicity**

0 % of the mixture consists of component(s) of unknown hazards to the aquatic environment

Chemical name	Algae/aquatic plants	Fish	Crustacea

Distillates, petroleum, solvent-refined heavy naphthenic - 64741-96-4	Not applicable	LC50: >5000mg/L (96h, Oncorhynchus mykiss)	EC50: >1000mg/L (48h, Daphnia magna)
Triethanolamine - 102-71-6	EC50: =169mg/L (96h, Desmodosmus subspicatus) EC50: =216mg/L (72h, Desmodosmus subspicatus)	LC50: 10600 - 13000mg/L (96h, Pimephales promelas) LC50: 450 - 1000mg/L (96h, Lepomis macrochirus) LC50: >1000mg/L (96h, Pimephales promelas)	Not applicable
Propylene carbonate - 108-32-7	EC50: >500mg/L (72h, Desmodosmus subspicatus)	LC50: >1000mg/L (96h, Cyprinus carpio)	EC50: >500mg/L (48h, Daphnia magna)
3(2H)-Isothiazolone, 5-chloro-2-methyl- - 26172-55-4	EC50: 0.03 - 0.13mg/L (96h, Pseudokirchneriella subcapitata) EC50: 0.11 - 0.16mg/L (72h, Pseudokirchneriella subcapitata)	LC50: =1.6mg/L (96h, Oncorhynchus mykiss)	EC50: 0.12 - 0.3mg/L (48h, Daphnia magna) EC50: 0.71 - 0.99mg/L (48h, Daphnia magna) EC50: =4.71mg/L (48h, Daphnia magna)

#### **Persistence and Degradability**

No information available.

#### **Bioaccumulation**

No information available.

<b>Chemical name</b>	<b>Partition coefficient</b>
Triethanolamine 102-71-6	-2.53
Propylene carbonate 108-32-7	0.48
3(2H)-Isothiazolone, 5-chloro-2-methyl- 26172-55-4	-0.71 - 0.75

#### **Other adverse effects**

No information available

### **13. DISPOSAL CONSIDERATIONS**

#### **Waste treatment methods**

##### **Disposal Methods**

This material, as supplied, is not a hazardous waste according to Federal regulations (40 CFR 261). This material could become a hazardous waste if it is mixed with or otherwise comes in contact with a hazardous waste, if chemical additions are made to this material, or if the material is processed or otherwise altered. Consult 40 CFR 261 to determine whether the altered material is a hazardous waste. Consult the appropriate state, regional, or local regulations for additional requirements.

##### **Contaminated Packaging**

Do not reuse empty containers.

### **14. TRANSPORT INFORMATION**

##### **DOT**

Not regulated

##### **IATA**

Not regulated

##### **IMDG**

Not regulated

### **15. REGULATORY INFORMATION**

##### **TSCA 8(b)**

All components are listed or exempt

##### **DSL**

All components are listed or exempt

##### **Legend:**

**TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory

**DSL/NDL** - Canadian Domestic Substances List/Non-Domestic Substances List

## US Federal Regulations

### **SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

Chemical name	Weight-%	SARA 313 - Threshold Values %
Polyethylene glycol branched nonylphenyl ether - 68412-54-4	1 - 5	1.0
Poly(oxy-1,2-ethanediyl), [alpha.-(nonylphenyl)-.omega.-hydroxy- - 9016-45-9	1 - 5	1.0

### **SARA 311/312 Hazard Categories**

Acute health hazard	Yes
Chronic Health Hazard	No
Fire hazard	No.
Sudden Release of Pressure Hazard	No
Reactive Hazard	No.

### **U.S. - CAA (Clean Air Act) - 1990 Hazardous Air Pollutants**

This product contains the following substances which are listed hazardous air pollutants (HAPS) under Section 112 of the Clean Air Act:

Chemical name	Weight-%	HAPS data
Naphthalene 91-20-3	< 0.1%	Present
Vinyl acetate 108-05-4	< 0.1%	Present
Diethanolamine 111-42-2	< 0.1%	Present
Formaldehyde 50-00-0	< 0.1%	Present
Ethyl acrylate 140-88-5	< 0.1%	Present
Acetaldehyde 75-07-0	< 0.1%	Present
Styrene 100-42-5	< 0.1%	Present
Acrylic acid 79-10-7	< 0.1%	Present
1,4-Dioxane 123-91-1	< 0.1%	Present
1,3-Butadiene 106-99-0	< 0.1%	
Ethylene oxide 75-21-8	< 0.1%	Present

### **CWA (Clean Water Act)**

See information supplied by the manufacturer

### **CERCLA**

See information supplied by the manufacturer

## US State Regulations

### **California Proposition 65**

Based on information from material suppliers and process knowledge, this product is not known to contain any Proposition 65 listed substances at or above 0.1 weight percent. Please contact the Regulatory Department if additional information is required.

### **U.S. EPA Label Information**

## **16. OTHER INFORMATION, INCLUDING DATE OF PREPARATION OF THE LAST REVISION**

<b>NFPA</b>	Health hazards 2	Flammability 0	Instability 0	Special hazards -
<b>HMIS</b>	Health hazards 2	Flammability 0	Physical hazards 0	Personal Precautions X

Revision date 25-Jan-2021

### **Revision Note**

No information available

### **Disclaimer**

The information provided on this SDS is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.

**End of Safety Data Sheet**