

SAFETY DATA SHEET



Revision Date 27-Feb.-2017
Version 2

1. Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

Product name ADEPS® Adhesive
Product code 011013

1.2 Relevant identified uses of the substance or mixture and uses advised against

Recommended Use Restricted to professional users
Restrictions on use Professional Use Only
Uses advised against Not suitable for use in homemaker (DIY) applications

1.3 Details of the supplier of the safety data sheet

Supplier Dryvit Systems, Inc
One Energy Way,
West Warwick, RI 02893
Phone Number: (401) 822-4100
Toll Free Number: (800) 556-7752

E-mail Address ehs@dryvit.com

1.4 Emergency telephone number

Emergency telephone number Chemtrec: +1 703-527-3887 ex-USA
Chemtrec: 1-800-424-9300 USA

2. Hazards identification

2.1 Classification of the substance or mixture

GHS Classification in accordance with 29 CFR 1910.1200

OSHA Regulatory Status

This chemical is not considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.122)

Skin sensitization	Category 1
Germ cell mutagenicity	Category 1B
Carcinogenicity	Category 1A

2.2 Label elements

Signal Word

Danger

Hazard Statements

May cause an allergic skin reaction
 May cause genetic defects
 May cause cancer

**Precautionary Statements - Prevention**

Obtain special instructions before use
 Do not handle until all safety precautions have been read and understood
 Avoid breathing dust/fume/gas/mist/vapors/spray
 Wash hands and face thoroughly after handling
 Do not eat, drink or smoke when using this product
 Use personal protective equipment as required

Precautionary Statements - Response

Get medical advice/attention if you feel unwell
 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
 Rinse skin with water/shower
 IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell
 Fight fire with normal precautions from a reasonable distance

Precautionary Statements - Storage

Store in accordance with local regulations

Precautionary Statements - Disposal

Refer to manufacturer/supplier for information on recovery/recycling

2.3. Other Hazards Hazards not otherwise classified (HNOC)

Not Applicable

2.4 Other information

Not Applicable

Unknown Acute Toxicity 15.5512% of the mixture consists of ingredient(s) of unknown toxicity

3. Composition/Information on Ingredients

Substance**Mixture**

Chemical Name	CAS-No	Weight %
Crystalline silica (Quartz) (Respirable)	14808-60-7	60 - 70%
Chlorinated paraffin resin - long chain C18-28	63449-39-8	0 - 10%
Ethylene oxide	75-21-8	0 - 10%
2-Propenoic acid (Acrylic Acid)	79-10-7	0 - 10%
Hexahydro-1,3,5-tris(hydroxyethyl)-s-triazine	4719-04-4	0 - 10%
HYDROCARBON DISTILLATE	64742-65-0	0 - 10%

*The specific chemical identity and/or exact percentage (concentration) of this composition has been withheld as a trade secret.

4. First aid measures

4.1 Description of first-aid measures

General advice	If symptoms persist, call a physician.
Eye contact	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a physician if irritation develops or persists.
Skin contact	Immediate medical attention is not required. Call a physician if irritation develops or persists.
Inhalation	Immediate medical attention is not required. Get medical attention if symptoms occur. Call a physician if irritation develops or persists.
Ingestion	If swallowed, do not induce vomiting - seek medical advice.

4.2 Most important symptoms and effects, both acute and delayed

Symptoms No information available.

4.3 Indication of any immediate medical attention and special treatment needed

Notes to physician No information available.

5. Fire-Fighting Measures

5.1 Extinguishing media**Suitable extinguishing media**

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

Unsuitable Extinguishing Media None.

5.2 Special hazards arising from the substance or mixture**Special Hazard**

No information available.

Hazardous Combustion Products No information available.

Explosion Data

Sensitivity to Mechanical Impact No information available.

Sensitivity to Static Discharge No information available.

5.3 Advice 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

6.1 Personal precautions, protective equipment and emergency procedures

Personal protection needs must be evaluated based on information provided on this sheet and the special circumstances created by the spill including; the material spilled, the quantity of the spill, the area in which the spill occurred, and the training and the expertise of employees in the area responding to the spill.

6.2 Environmental precautions

Prevent product from entering drains. Do not flush into surface water or sanitary sewer system.

6.3 Methods and materials for containment and cleaning up

Methods for Containment Prevent further leakage or spillage if safe to do so.

Methods for cleaning up Pick up and transfer to properly labeled containers.

7. Handling and storage

7.1 Precautions for safe handling

Advice on safe handling Handle in accordance with good industrial hygiene and safety practice.

Hygiene measures Handle in accordance with good industrial hygiene and safety practice.

7.2 Conditions for safe storage, including any incompatibilities

Storage Conditions Keep in a dry, cool and well-ventilated place. Keep out of the reach of children. Store in accordance with local regulations. Keep from freezing.

Materials to Avoid Strong oxidizing agents. Strong acids. Strong bases.

8. Exposure controls/personal protection

8.1 Exposure Guidelines

Chemical Name	ACGIH TLV	OSHA PEL	British Columbia	Alberta	Quebec	Ontario TWAEV
Crystalline silica (Quartz) (Respirable) 14808-60-7	TWA: 0.025 mg/m ³ respirable fraction	: (30)/(%SiO ₂ + 2) mg/m ³ TWA total dust : (250)/(%SiO ₂ + 5) mppcf TWA respirable fraction : (10)/(%SiO ₂ + 2) mg/m ³ TWA respirable fraction	TWA: 0.025 mg/m ³	TWA: 0.025 mg/m ³	TWA: 0.1 mg/m ³	TWA: 0.10 mg/m ³
Ethylene oxide 75-21-8	TWA: 1 ppm	TWA: 1 ppm STEL: 5 ppm see 29 CFR 1910.1047	TWA: 0.1 ppm STEL: 1 ppm Adverse reproductive effect	TWA: 1 ppm TWA: 1.8 mg/m ³	TWA: 1 ppm TWA: 1.8 mg/m ³	TWA: 1 ppm TWA: 1.8 mg/m ³ STEL: 10 ppm STEL: 18 mg/m ³
2-Propenoic acid (Acrylic Acid) 79-10-7	TWA: 2 ppm S*	-	TWA: 2 ppm Skin Adverse reproductive effect	TWA: 2 ppm TWA: 5.9 mg/m ³ Skin	TWA: 2 ppm TWA: 5.9 mg/m ³ Skin	TWA: 2 ppm Skin

8.2 Appropriate engineering controls

Engineering Measures Ensure adequate ventilation, especially in confined areas.

8.3 Individual protection measures, such as personal protective equipment

Eye/Face Protection If splashes are likely to occur, wear:.. Tightly fitting safety goggles.

Skin and body protection Wear protective gloves/ protective clothing.

Respiratory protection No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required.

Hygiene measures See section 7 for more information

9. Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical state	Liquid	Color	Off-white Gray or Colored liquid
Appearance	Viscous liquid		
Odor	Faint	Odor Threshold	No information available

<u>Property</u>	<u>Values</u>	<u>Remarks • Methods</u>
pH	>8	
Melting/freezing point		No information available
Boiling point/boiling range	> 100 °C / 212 °F	
Flash Point	no data available	No information available
Evaporation rate		
Flammability (solid, gas)		No information available
Flammability Limits in Air		
upper flammability limit		No information available
lower flammability limit		No information available
Vapor pressure		No information available
Vapor density		No information available
Specific Gravity	0.96 – 1.80 g/cc	
Water solubility	Soluble in water	
Solubility in other solvents		No information available
Partition coefficient		No information available
Autoignition temperature		
Decomposition temperature		
Viscosity, kinematic		No information available
Viscosity, dynamic		No information available
Explosive properties		No information available
Oxidizing Properties		No information available

9.2 Other information

Volatile organic compounds (VOC) content	no data available
Density	8.0 – 15.0 lbs/gal

10. Stability and Reactivity

10.1 Reactivity

No dangerous reaction known under conditions of normal use

10.2 Chemical stability

Stable under recommended storage conditions

10.3 Possibility of hazardous reactions

None under normal processing.

10.4 Conditions to Avoid

Do not freeze. To avoid thermal decomposition, do not overheat.

10.5 Incompatible Materials

Strong oxidizing agents. Strong acids. Strong bases.

10.6 Hazardous Decomposition Products

Thermal decomposition can lead to release of irritating gases and vapors.

11. Toxicological information**11.1 Acute toxicity****Numerical measures of toxicity: Product Information**

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

Unknown Acute Toxicity 15.5512% of the mixture consists of ingredient(s) of unknown toxicity

LC50 (Dust/Mist) 84.21 mg/l

Numerical measures of toxicity: Component Information

Chemical Name	LD50 Oral	LD50 Dermal	LC50 Inhalation
Crystalline silica (Quartz) (Respirable) 14808-60-7	500 mg/kg (Rat)	-	-
Ethylene oxide 75-21-8	72 mg/kg (Rat)	-	= 800 ppm (Rat) 4 h
2-Propenoic acid (Acrylic Acid) 79-10-7	193 mg/kg (Rat)	= 295 mg/kg (Rabbit)	= 11.1 mg/L (Rat) 1 h = 3.6 mg/L (Rat) 4 h

11.2 Information on toxicological effects**Skin corrosion/irritation**Product Information

- No information available

Component Information

- No information available

Serious eye damage/eye irritationProduct Information

- No information available

Component Information

- No information available

Respiratory or skin sensitizationProduct Information

- No information available

Component Information

- No information available

Germ cell mutagenicityProduct Information

- No information available

Component Information

- No information available

CarcinogenicityProduct Information

- The table below indicates whether each agency has listed any ingredient as a carcinogen

Component Information

- Contains a known or suspected carcinogen

Chemical Name	ACGIH	IARC	NTP	OSHA
Crystalline silica (Quartz) (Respirable)	A2	Group 1	Known	

14808-60-7				
Chlorinated paraffin resin - long chain C18-28 63449-39-8	-	NA	-	
Ethylene oxide 75-21-8	A2	Group 1 Group 2A	Known	
HYDROCARBON DISTILLATE 64742-65-0	A2	Group 1	-	

Reproductive toxicityProduct Information

- No information available

Component Information

- No information available

STOT - single exposure

No information available

STOT - repeated exposure

No information available

Other adverse effectsProduct Information

- No information available

Component Information

- No information available

Aspiration hazardProduct Information

- No information available

Component Information

- No information available

12. Ecological information

12.1 Toxicity**Ecotoxicity**

No information available

15.7018 % of the mixture consists of component(s) of unknown hazards to the aquatic environment

Ecotoxicity effects

Chemical Name	Toxicity to algae	Toxicity to fish	Toxicity to daphnia and other aquatic invertebrates
Chlorinated paraffin resin - long chain C18-28 63449-39-8	-	LC50: 96 h <i>Lepomis macrochirus</i> 300 mg/L static LC50: 96 h <i>Oncorhynchus mykiss</i> 0.0109 mg/L flow-through LC50: 96 h <i>Oncorhynchus mykiss</i> 94.5 - 271 mg/L static LC50: 96 h <i>Lepomis macrochirus</i> 0.1 mg/L flow-through LC50: 96 h <i>Pimephales promelas</i> 100 mg/L static	-
Ethylene oxide 75-21-8	-	LC50: 96 h <i>Pimephales promelas</i> 73 - 96 mg/L	LC50: 48 h <i>Daphnia magna</i> 137 - 300 mg/L
2-Propenoic acid (Acrylic Acid) 79-10-7	EC50: 96 h <i>Pseudokirchneriella subcapitata</i> 0.17 mg/L EC50: 72 h <i>Desmodesmus subspicatus</i> 0.04 mg/L	LC50: 96 h <i>Brachydanio rerio</i> 222 mg/L semi-static	EC50: 48 h <i>Daphnia magna</i> 95 mg/L
HYDROCARBON DISTILLATE 64742-65-0	-	LC50: 96 h <i>Oncorhynchus mykiss</i> 5000 mg/L	EC50: 48 h <i>Daphnia magna</i> 1000 mg/L

12.2 Persistence and degradability

No information available.

12.3 Bioaccumulative potential

Discharge into the environment must be avoided

Chemical Name	log Pow
Chlorinated paraffin resin - long chain C18-28 63449-39-8	6
Ethylene oxide 75-21-8	-0.3
2-Propenoic acid (Acrylic Acid) 79-10-7	0.46

12.4 Mobility in soil

No information available.

12.5 Other adverse effects

No information available

13. Disposal Considerations**13.1 Waste treatment 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.

14. Transport Information**DOT** Not regulated**MEX** Not regulated**IMDG** Not regulated**IATA** Not regulated**15. Regulatory information****15.1 International Inventories**

TSCA -
 DSL -
 EINECS/ELINCS -
 ENCS -
 IECSC -
 KECL -
 PICCS -
 AICS -
 NZIoC -

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

DSL - Canadian Domestic Substances List

EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances

PICCS - Philippines Inventory of Chemicals and Chemical Substances

ENCS - Japan Existing and New Chemical Substances

IECSC - China Inventory of Existing Chemical Substances
KECL - Korean Existing and Evaluated Chemical Substances
PICCS - Philippines Inventory of Chemicals and Chemical Substances
AICS - Australian Inventory of Chemical Substances
NZIoC - New Zealand Inventory of Chemicals

15.2 U.S. 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	SARA 313 - Threshold Values %
Ethylene oxide 75-21-8	0.1

15.3 Pesticide Information

Not applicable

15.4 U.S. State Regulations

California Proposition 65

This product contains the following Proposition 65 chemicals:

Chemical Name	California Prop. 65
Crystalline silica (Quartz) (Respirable) - 14808-60-7	Carcinogen
Ethylene oxide - 75-21-8	Carcinogen Developmental Female Reproductive Male Reproductive
Chlorothalonil - 1897-45-6	Carcinogen
Sulphuric acid - 7664-93-9	Carcinogen
ETHYL ACRYLATE - 140-88-5	Carcinogen

16. Other information

<u>NFPA</u>	Health Hazard 0	Flammability 0	Instability 0	Physical and chemical hazards *
<u>HMIS</u>	Health Hazard 1	Flammability 0	Physical Hazard 0	Personal protection B

Legend:

ACGIH (American Conference of Governmental Industrial Hygienists)
 Ceiling (C)
 DOT (Department of Transportation)
 EPA (Environmental Protection Agency)
 IARC (International Agency for Research on Cancer)
 International Air Transport Association (IATA)
 International Maritime Dangerous Goods (IMDG)
 NIOSH (National Institute for Occupational Safety and Health)
 NTP (National Toxicology Program)
 OSHA (Occupational Safety and Health Administration of the US Department of Labor)
 PEL (Permissible Exposure Limit)
 Reportable Quantity (RQ)
 Skin designation (S*)
 STEL (Short Term Exposure Limit)
 TLV® (Threshold Limit Value)
 TWA (time-weighted average)

Revision Date 27-Oct-2015

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