

SAFETY DATA SHEET

® QUIK SET SEALANT

SECTION 1: MATERIAL IDENTIFICATION AND USE

Manufacturer/Supplier: Clark Hammerbeam Corporation
Address: 886 Washington Street, PO Box 381, Dedham, MA 02027
Telephone Number: Information / Emergency: (781) 461-1946
Effective Date: January 2018
Relevant identified uses of the substance or mixture: Adhesive/Sealant
Material Use: Sealant/Adhesive
Product Name as used on Label: QUIK SET

SECTION 2: HAZARDS IDENTIFICATION

Classification of the substance or mixture

Appearance: Paste **Physical state:** Liquid **Odor:** Odorless

Classifications:

Skin irritation/corrosion - Category 2
Eye irritation/serious eye damage - Category 2
Skin sensitization – Category 1

Hazard statements:

Causes skin irritation
Causes serious eye irritation
May cause an allergic skin reaction

Signal word: Warning



Precautionary Statements- Prevention:

Wash face, hands and any exposed skin thoroughly after handling.
Wear protective gloves/protective clothing/eye protection.

Precautionary Statements- Response:

If in eyes- Rinse with water for several minutes. Remove contact lenses, if present and easy to remove. Continue rinsing. If eye irritation persists, seek medical advice/attention.
If on the skin- Wash with plenty of soap and water. Take off contaminated clothing and wash before re-use. If skin irritation or rash occurs seek medical advice/attention.

Precautionary Statements- Disposal:

Dispose of contents/container in an approved waste disposal facility.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

** Chemical Name	** Cas No.	** Weight-%
Proprietary	Proprietary	40-50
Proprietary	Proprietary	20-30
Proprietary	Proprietary	<5
Proprietary	Proprietary	<1
Proprietary	Proprietary	<1

****NOTE:** If Chemical Name/CAS No. is "proprietary" and/or Weight-% is listed as a range, the specific chemical identity and/or percentage of composition has been withheld as a trade secret.

SECTION 4: FIRST AID MEASURES

Emergency and First Aid Procedures:

Inhalation: Remove to fresh air.

Skin: Wash affected area thoroughly with soap and water. Remove and wash before re-use of any contaminated clothing. If rash or irritation develops, obtain medical assistance.

Eyes: Flush with water continuously for several minutes. Remove contact lenses if applicable and easy to do and continue rinsing. Obtain medical assistance if eye irritation persists.

Ingestion: Clean mouth with water and drink plenty of water afterwards.

Most important symptoms and effects:

Symptoms: May be harmful if swallowed. Causes skin irritation Causes serious eye irritation. May cause an allergic skin reaction.

Indication of any immediate medical attention and special treatment needed:

Notes to physician: Treat symptomatically

SECTION 5: FIRE FIGHTING MEASURES

Extinguishing Media

Suitable extinguishing agents: CO₂, extinguishing powder or water spray(fog), dry chemical, foam

Unsuitable Extinguishing Media

Not determined

Special hazards arising from the chemical

None

Hazardous Combustion Products

Thermal decomposition may produce toxic fumes of Carbon monoxide, Carbon dioxide, Sulfur dioxides and Hydrogen

Sensitivity to Mechanical Impact

Not applicable

Sensitivity to Static Discharge

Not applicable

Fire Fighting Procedures

The use of self-contained breathing apparatus is recommended for firefighters, MSHA/NIOSH (equivalent or approved) and full protective gear as in any fire.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Environmental precautions:

Methods and material for containment and clean-up:

Methods for containment: Prevent further leakage or spillage

Methods for clean-up - Remove spill with absorbent material such as cardboard and allow to cure. Then place into a container approved for waste disposal.

Personal Precautions, protective equipment and emergency procedures:

Personal precautions: Use personal protection recommended in Section 8. Avoid eye, skin and clothing contact.

SECTION 7: HANDLING AND STORAGE

Precautions for safe handling:

Wash face, hands and any exposed skin thoroughly after handling. Contaminated work clothing should not be allowed out of the workplace. Wear protective gloves, protective clothing and eye protection.

Conditions for safe storage and incompatibilities:

Material should be kept in its original packaging. Keep away from open flames and high temperatures. Incompatible Materials- Moisture

Other Precautions

KEEP OUT OF REACH OF CHILDREN

SECTION 8: EXPOSURE CONTROL/PERSONAL PROTECTION

Exposure Guidelines

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDHL
Proprietary		TWA: 15 mg/m ³ total dust TWA: 5/mg/m ³ respirable fraction (vacated) TWA: 15 mg/m ³ total dust (vacated) TWA: 5 mg/m ³ respirable fraction	TWA: 10 mg/m ³ total dust TWA: 5mg/m ³ respirable dust
Proprietary			TWA: 10 mg/m ³ total dust TWA: 5 mg/m ³ respirable dust
Proprietary	TWA: 10 mg/m ³	TWA: 15 mg/m ³ total dust (vacated) TWA: 10 mg/m ³ total dust	IDLH: 5000 mg/m ³
Proprietary	STEL: 0.2 mg/m ³ Sn TWA: 0.1 mg/m ³ Sn *S	TWA: 0.1 mg/m ³ Sn (vacated) TWA: 0.1 mg/m ³ Sn (vacated) S*	IDLH: 25 mg/m ³ Sn TWA: 0.1 mg/m ³ except Cyhexatin Sn

Appropriate engineering controls

Engineering controls: Apply technical measures to comply with the occupational exposure limits.

Individual protection measures, such as personal protective equipment

Wear protective gloves. The glove material has to be impermeable such as vinyl to minimize skin contact.

Eye protection: Wear safety glasses to avoid eye contact.

Respiratory Protection: Refer to 29 CFR 1910.134 for respiratory protection requirements.

General Hygiene Considerations: Handle in accordance with good industrial hygiene and safety practices.

SECTION 9: PHYSICAL/CHEMICAL CHARACTERISTICS

Physical State Liquid	Appearance Paste	
Color White	Odor Odorless	Odor Threshold Not determined

<u>Property</u>	<u>Values</u>
Ph	Not determined
Melting Pt/Freezing Pt	Not determined
Boiling Pt./Boiling Range	Not determined
Flash Pt.	Not applicable
Evaporation Rate	Not determined
Flammability (Solid, Gas)	Not determined
Flammability Limits in Air	
Upper Flammability Limits	Not applicable
Lower Flammability Limits	Not applicable
Vapor Pressure	Not determined
Vapor Density	Not determined
Relative Density	Not determined
Water Solubility	Not determined
Solubility in other solvents	Not determined
Partition Coefficient	Not determined
Auto-Ignition Temperature	Not applicable
Decomposition Temperature	Not determined
Kinematic Viscosity	Not determined
Explosive Properties	Not determined
Oxidizing Properties	Not determined

<u>Other Information</u>	
Density	15.01 LBS/GAL.

SECTION 10: STABILITY AND REACTIVITY

Chemical stability: Stable under recommended storage conditions

Possibility of hazardous reactions: None under normal processing

Conditions to avoid: KEEP OUT OF REACH OF CHILDREN

Incompatible materials: Moisture

Reactivity: Not reactive under normal condition

Hazardous decomposition products: Thermal decomposition of carbon monoxide and/or carbon dioxide

SECTION 11: TOXICOLOGICAL

Information on likely routes of exposure:

Product information

Eye Contact: Causes serious eye irritation

Skin Contact: Causes skin irritation.

Inhalation: Do not inhale

Ingestion: May be harmful if swallowed

Component Information

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Proprietary	= 6450 mg/kg (Rat)	-	-
Proprietary	= 3750 mg/kg (Rat) > 2 g/kg (Rat)	-	-
Proprietary	>10000 mg/kg (Rat)	-	-
Proprietary	-	-	= 500 mg/m ³ (Rat) 4 h
Proprietary	=7340 uL/kg (Rat)	=3360 uL/kg (Rabbit)	-
Proprietary	=7460 uL/kg (Rat)	-	-
Proprietary	-	> 5 g/kg (Rabbit)	-

Information on physical, chemical and toxicological effects

Symptoms: See section 4 of this MSDS for symptoms

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

Sensitization: May cause an allergic skin reaction

Carcinogenicity: The table below indicates whether each agency has listed any ingredient as a carcinogen.

Chemical Name	ACGIH	IARC	NTP	OSHA
Proprietary		Group 2B		X

LEGEND

IARC (International Agency for research on Cancer)

Group 2B- Possibly carcinogenic to humans

OSHA (Occupational, Safety and Health Administration of the US Department of Labor)

X- Present

Numerical measures of toxicity

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

ATE mix (oral) 4,421.00 mg/kg

SECTION 12: ECOLOGICAL

Ecotoxicity:

This product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

Persistence and degradability:

Not determined

Bio-accumulative potential:

Not determined

Mobility:

Not determined

Other adverse effects:

Not determined

SECTION 13: DISPOSAL CONSIDERATIONS

Waste treatment methods:

Recommendation:

Disposal should be in accordance with applicable national, regional, and local laws and regulations.

Contaminated packaging:

Disposal should be in accordance with applicable national, regional and local regulations and laws.

California Hazardous Waste Status

Chemical Name	California Hazardous Waste Status
Proprietary	Toxic

SECTION 14: TRANSPORT INFORMATION

UN-Number

DOT, IMDG, IATA Not regulated

UN Proper Shipping Name

DOT, IMDG, IATA Not regulated

Transport Hazard Classes

DOT, IMDG, IATA Not regulated

Transport/additional information: Please see current shipping paper for most up to date shipping information, including exemptions and special circumstances.

SECTION 15: REGULATORY INFORMATION

International Inventories

Chemical Name	TSCA	DSL/NDSL	EINECS/E LINC S	ENCS	IECSC	KECL	PICCS	AICS
Proprietary	X	X	X	Present	X	Present	X	X
Proprietary	X	X	X	Present	X	Present	X	X
Proprietary				Present				
Proprietary	X	X	X	Present	X	Present	X	X
Proprietary	X	X	X	Present	X	Present	X	X
Proprietary	X	X	X	Present	X	Present	X	X
Proprietary	X	X	X	Present	X	Present	X	X
Proprietary	X	X	X	Present	X	Present	X	X
Proprietary	X	X	X	Present	X	Present	X	X
Proprietary	X	X	X	Present	X	Present	X	X
Proprietary	X	X	X	Present	X	Present	X	X
Proprietary	X	X	X	Present	X		X	X

Legend:

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

DS/NDSL- *Canadian Domestic Substances List/Non-Domestic Substances Act*

EINECS/ELINC S- *European Inventory of Existing Chemical Substances/European List of Notified 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 Chemical and Chemical Substances*

AICS- *Australian Inventory of Chemical Substances*

United States Federal Regulations

CERCLA:

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and reauthorization Act (SARA) (40 355).

SARA 311/312 Hazards Categories:

Acute Health Hazard:	Yes
Chronic Health Hazard	No
Fire Hazard	No
Sudden Release of Pressure Hazard	No
Reactive Hazard	No

SARA 313:

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

CWA (Clean Water Act):

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 AND 40 CFR 122.42).

Us State Regulations

California Proposition 65: This product does not contain any Proposition 65 chemicals

U.S. State Right-to Know Regulations

Chemical Name	New Jersey	Massachusetts	Pennsylvania
Proprietary	X	X	X
Proprietary	X	X	X

SECTION 16: OTHER INFORMATION INCLUDING DATE OF PREPERATION OR LAST REVISION

<u>NEPA</u>	Health Hazards Not determined	Flammability Not determined	Instability Not determined	Special Hazards Not determined
<u>HMIS</u>	Health Hazards 1	Flammability 0	Physical Hazards 0	Personal Protection Not determined

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END OF MATERIAL SAFETY DATA SHEET