

Safety Data Sheet

Material Name: Low-VOC Untack

Product #: 330793

Section 1 - PRODUCT AND COMPANY IDENTIFICATION

Material Name

Low-VOC Untack

Synonyms

Adhesive Remover / Solvent

Product Use

Adhesive Remover

Restrictions on Use

For industrial use only.

Manufacturer Information

Hardcast A Carlisle Company
900 Hensley Lane
Wylie, TX 75098
www.carlislehvac.com

Phone Numbers:

Medical Emergency
CHEMTREC (USA): 800-424-9300

SDS Assistance: 972-442-6545
Technical Assistance: 888-229-2199
Customer Service: 888-229-0199

Section 2 - HAZARDS IDENTIFICATION

Classification in accordance with paragraph (d) of 29 CFR 1910.1200.

Flammable Liquids - Category 3

Skin Sensitization - Category 3

Aspiration Hazard - Category 1

Acute Toxicity – Inhalation - Category 5

Eye Damage - Category 2A

Extremely Flammable Aerosol - Category 1

Specific Target Organ Toxicity (central nervous system) - Category 2

GHS Label Elements

Symbol(s)



Signal Word

Danger

Hazard Statement(s)

May cause respiratory irritation.

May cause mild skin irritation.

Causes serious eye irritation.

May cause damage to organs through prolonged or repeated exposure. May be fatal if swallowed and enters airways.

Flammable liquid and vapor.

Contains gas under pressure; may explode if heated

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Precautionary Statement(s)

Prevention

Keep away from heat/sparks/open flames/hot surfaces – no smoking.

Avoid breathing dust/fume/gas/mist/vapors/spray.

Avoid release to the environment.

Use personal protective equipment as required.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lens, if present and easy to do. Continue rinsing.

Response

Eyes: Contact with eyes may cause irritation. Direct contact with liquid or vapors may cause stinging, tearing, redness, swelling, and eye damage.

Skin: May cause skin irritation and/or dermatitis. Prolonged or repeated contact or exposure to vapors may cause redness, burning, and drying and cracking of the skin.

Inhalation: Breathing high concentrations of vapors may cause irritation of the nose and throat or signs of nervous system depression (i.e. – headache, nausea, drowsiness, dizziness, vomiting, loss of coordination and fatigue).

Ingestion: Ingestion may cause irritation of the digestive tract, nausea, vomiting, and signs of nervous system depression.

Storage

Rotate stock; use oldest first (FIFO)

Store between 60-90 F

Shelf life expires 1 year from manufacture date

Do not store in direct sunlight

Diminished performance may occur below 60F. If so, warm canister to room temperature. Remove from concrete floor in cold temps.

If frozen, return to room temperature. Some agitation may be required

Chronic Effects

Avoid repeated exposure. May cause blood damage. Repeated contact may cause allergic reactions in very susceptible persons.

Aggravated Medial Conditions

Pre-existing eye, skin, or respiratory disorders may be aggravated by exposure to this product.

Section 3 - COMPOSITION / INFORMATION ON INGREDIENTS

CAS	Component Name	Percent
67-64-1	Acetone	50 – 75%
98-56-6	Parachlorobenzotrifluoride	22 – 40%
5989-27-5	D-Limonene	1 – 7%

Any remaining ingredients (to comprise 100% of the product) should be considered a proprietary blend of non-hazardous substances, or materials below threshold reporting limits.

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Section 4 - FIRST AID MEASURES

Description of Necessary Measures

General Advice

Show this safety data sheet to the doctor in attendance.

Eyes

Flush with plenty of cool water for at least 15 minutes, holding eyelids apart for thorough irrigation. If irritation persists, get immediate medical attention.

Skin

Wash affected area thoroughly with soap and water. Remove contaminated clothing and wash affected areas thoroughly with mild soap. If skin irritation persists, get immediate medical attention.

Inhalation

Move to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth. If breathing is difficult, give oxygen and get immediate medical attention.

Ingestion

Do not induce vomiting – seek immediate medical attention. If vomiting occurs, keep head lower than hips to prevent aspiration.

Note to Physicians

Treat symptomatically.

Section 5 - FIREFIGHTING MEASURES

Extinguishing Media

Carbon dioxide, dry chemicals, foam. Water may be helpful in keeping adjacent containers cool; avoid spreading the liquid with water used for cooling. Water-based sprinkler systems may help contain larger fires.

Special Hazards Arising from the Chemical

Closed containers may rupture if exposed to fire or extreme heat. May produce toxic fumes if burning.

Special Protective Equipment

Wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

Section 6 - ACCIDENTAL RELEASE MEASURES

Personal Precautions

Use personal protective equipment. Remove all sources of ignition.

Environmental Precautions

Prevent further leakage or spillage if safe to do so. Do not allow material to contaminate ground water system. Prevent product from entering drains. Do not flush into surface water or sanitary sewer system. Local authorities should be advised if significant spillages cannot be contained.

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Methods for cleaning up

Dam up. Soak up with inert absorbent material. Pick up and transfer to properly labeled containers. Clean contaminated surface thoroughly.

Other Information

None known.

Section 7 - HANDLING AND STORAGE

Precautions for Safe Handling

Use only in area provided with appropriate exhaust ventilation. Do not breathe vapors or spray mist. Wear appropriate personal protective equipment. Take precautionary measures against static discharges. To avoid ignition of vapors by static electricity discharge, all metal parts of the equipment must be grounded. Keep away from open flames, hot surfaces and sources of ignition.

Storage

Keep containers tightly closed in a dry, cool and well-ventilated place. Keep away from extremes of heat or cold. Keep in properly labeled containers.

Section 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

Component Exposure Limits

Hazardous Components	OSHA PEL	ACGIH TLV
Acetone:	1000 PPM	250 PPM
Parachlorobenzotrifluoride	Not established	Not established
D-Limonene	Not established	Not established

Engineering Measures

Ensure adequate ventilation, especially in confined areas.

Individual Protection Measures, such as Personal Protective Equipment

Eye/face protection

Safety goggles or glasses, or full face shield.

Skin Protection

Protective gloves and impervious clothing. Consult the glove/clothing manufacturer for proper selection of materials.

Respiratory Protection

In operations where exposure limits are exceeded, use a NIOSH-approved respirator that has been selected by a technically qualified person for the specific work conditions.

Hygiene Practices

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Avoid contact with skin, eyes and clothing. Remove and wash contaminated clothing before re-use.
Wash thoroughly after handling. When using, do not eat, drink or smoke.

Section 9 - PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Thin, water-white liquid	Odor	Solvent odor
Odor Threshold	No data	VOC (g/L)	12
VOC (g/L) less exempt & Water	33	Non-volatile (wt%)	0.00
Specific Gravity (g/l)	0.899	Bulk Density (lb/gal)	7.49
Solubility in Water	Insoluble	pH	Not available
Viscosity	Not available	Evaporation rate	Faster than nBuAc
Vapor Pressure (mmHg)	Not available	Vapor Density	Heavier than air
Boiling Point	133.0°F [56.1°C]	Freezing/Melting Point	Not determined
Flammability (solids)	No data	Partition Coefficient (n-octonal/water)	No data
Auto-ignition Temp	No data	Decomposition Temp	No data
Explosive Properties	No data	Oxidizing Properties	No data
Flash Point	-4.0°F [-20 °C]	Flammable Limts	Lower: 2.04; Upper: 11.85

Other Information

No additional information available.

Section 10 - STABILITY AND REACTIVITY

Chemical Stability

Stable under normal conditions. Hazardous polymerization does not occur

Conditions to Avoid

Keep away from open flames, hot surfaces, static electricity and sources of ignition. Avoid extremes of heat or cold.

Materials to Avoid

Incompatible with strong acids and bases, alkali metals, halogens, and strong oxidizing agents.

Hazardous decomposition products

Thermal decomposition can lead to release of irritating gases and vapors. Carbon monoxide, carbon dioxide, smoke, and other unidentified organic compounds may be formed during combustion.

Possibility of Hazardous Reactions

None under normal conditions of use.

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Section 11 - TOXICOLOGICAL INFORMATION

Reproductive Toxicity:

No data.

Mutagenicity:

No data.

STOT-single exposure:

No data.

STOT-repeated exposure:

Category 2

Aspiration Hazard:

Category 1

Chronic Toxicity/Carcinogenicity

The information below indicates whether each agency has listed any ingredient as a carcinogen. If no ingredients are listed below, then there are no known classifications.

Component**IARC****NTP****OSHA****Acute Toxicity:**

Oral: No data; Skin: No data; Inhalation: Category 5

Irritation:

Skin: Category 3

Corrosivity:

No data

Sensitisation:

Respiratory: No data; Skin: No data

Typical Routes of Entry:

Inhalation, skin absorption, eye contact

Section 12 - ECOLOGICAL INFORMATION

Aquatic Toxicity

Acute and prolonged Toxicity to Fish: No data

Acute Toxicity to Aquatic Invertebrates: No data.

Environmental Fate and Pathways: No data

Persistence and Degradability: No data

Bioaccumulative Potential: No data

Mobility in Soil: No data

Other Adverse Effects: No data

Section 13 - DISPOSAL CONSIDERATIONS

Waste Disposal Method

Dispose of in accordance with all applicable local, state, and federal regulations. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans, or other waters unless in

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accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit, and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying local sewage treatment plant authority. For guidance, contact your State Water Board or Regional Office of the EPA.

Section 14 - TRANSPORT INFORMATION

US DOT Information:

Shipping Name: CHEMICAL UNDER PRESSURE, FLAMMABLE, N.O.S. (Acetone, Parachlorobenzotrifluoride)

Hazard Class: 2.1

UN/NA #: UN3501



Section 15 - REGULATORY INFORMATION

US TSCA

Yes – All components are listed or exempt.

OSHA Regulatory Status

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

SARA 313

Section 313 OF Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). If listed below, 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 Designation	Cas No.	Weight %
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Clean Air Act, Section 112 Hazardous Air Pollutants (HAPS) (see 40 CFR 61)

Chemical Designation	Cas No.	Weight %
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State Regulations

California Proposition 65

This product contains the following substance(s) known to the state of California to cause cancer or reproductive harm:

Chemical Name	CAS Number
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Section 16 - OTHER INFORMATION

NFPA is a Health, Flammability and Reactivity rating:

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Health – 1, Fire – 3, Reactivity – 0

4 -Severe Hazard, 3 – Serious Hazard, 2 – Moderate Hazard, 1 – Slight Hazard, 0 – Minimal

Summary of Changes

Revision Date: June 1, 2018

Revision Note: General Update

Key / Legend

ACGIH - American Conference of Governmental Industrial Hygienists; ADR - European Road Transport; AU - Australia; BOD - Biochemical Oxygen Demand; C - Celsius; CA - Canada; CAS - Chemical Abstracts Service; CERCLA - Comprehensive Environmental Response, Compensation, and Liability Act; CLP - Classification, Labelling, and Packaging; CN - China; CPR - Controlled Products Regulations; DFG - Deutsche Forschungsgemeinschaft; DOT - Department of Transportation; DSD - Dangerous Substance Directive; DSL - Domestic Substances List; EEC - European Economic Community; EINECS - European Inventory of Existing Commercial Chemical Substances; EPA - Environmental Protection Agency; EU - European Union; F - Fahrenheit; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; ICAO - International Civil Aviation Organization; IDL - Ingredient Disclosure List; IDLH - Immediately Dangerous to Life and Health; IMDG - International Maritime Dangerous Goods; JP - Japan; Kow - Octanol/water partition coefficient; KR - Korea; LEL - Lower Explosive Limit; LLV - Level Limit Value; LOLI - List Of Lists™ - ChemADVISOR's Regulatory Database; MAK - Maximum Concentration Value in the Workplace; MEL - Maximum Exposure Limits; NFPA - National Fire Protection Agency; NIOSH - National Institute for Occupational Safety and Health; NJTSR - New Jersey Trade Secret Registry; NTP - National Toxicology Program; NZ - New Zealand; OSHA - Occupational Safety and Health Administration; PH - Philippines; RCRA - Resource Conservation and Recovery Act; REACH- Registration, Evaluation, Authorisation, and restriction of Chemicals; RID - European Rail Transport; SARA - Superfund Amendments and Reauthorization Act; STEL - Short-term Exposure Limit; TDG - Transportation of Dangerous Goods; TSCA - Toxic Substances Control Act; TWA - Time Weighted Average; UEL - Upper Explosive Limit; US - United States.

Other Information

Disclaimer:

The above Information is based on the present state of our knowledge of the product at the time of publication. It is given in good faith. No warranty is implied with respect to the quality or the specification of the product and the user must satisfy his self that the product is entirely suitable for his purposes.