Safety Data Sheet

1 Identification

GHS Product Identifier

Product Name: Pro Stick 65 Hi-Strength Spray Adhesive
Product Code: 5023
Chemical Name: Organic Mixture

Recommended use of the chemical and restriction on use

Web Spray Adhesive

Supplier's details

Max Pro
P.O. Box 9962
Ft. Lauderdale, FL 33310 USA

Tel.: 954-972-3338

Emergency phone number

CHEMTREC 24 Hour Emergency Response
USA & Canada 800-424-9300

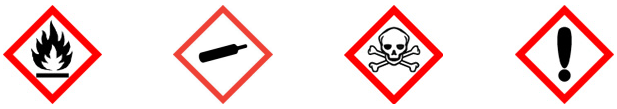
2 Hazard(s) identification

Classification of the substance or mixture

Physical hazards: Flammable aerosols Category 1
Health hazards: Acute toxicity, oral Category 2
Skin corrosion/irritation Category 2
Serious eye damage/eye irritation Category 2A
Specific target organ toxicity, single exposure Category 3 narcotic effects
Specific target organ toxicity, repeated Category 1 exposure

GHS label elements

Danger



Extremely flammable aerosol

Fatal if swallowed

Causes skin irritation

Causes serious eye irritation

May cause drowsiness or dizziness

Causes damage to organs (state all organs affected, if known) through prolonged or repeated exposure (state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard)

Obtain special instructions before use.

Do not handle until all safety precautions have been read and understood.

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

Do not spray on an open flame or other ignition source.

Do not pierce or burn, even after use.

Do not breathe dust/fume/gas/mist/vapours/spray.

Wash hands thoroughly after handling.

Do not eat, drink or smoke when using this product.

Use only outdoors or in a well-ventilated area.

Wear protective gloves/protective clothing/eye protection/face protection.

Other hazards which do not result in classification

N/A

Note: This product is a consumer product and is labeled in accordance with the US Consumer Product Safety Commission regulations which take precedence over OSHA Hazard Communication labeling. The actual container label will not include the label elements above. The labeling above applies to industrial/professional products.

3 Composition/information on ingredients

Description	CAS Number	%	Note
Acetone	67-64-1	50	
n-hexane	110-54-3	19	
Propane	74-98-6	19	
Dimethyl Ether	115-10-6	12	

4 First-aid measures

Description of necessary first-aid measures

Inhalation: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell.

Skin contact: Remove contaminated clothing. Wash off with soap and plenty of water. If skin irritation occurs: Get medical advice/attention.

Eye contact: Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if irritation develops and persists.

Ingestion: Call a physician or poison control center immediately. Rinse mouth. Do not induce vomiting without advice from poison control center. If vomiting occurs, keep head low so that stomach content doesn't get into the lungs. Do not use mouth-to-mouth method if victim ingested the substance. Induce artificial respiration with the aid of a pocket mask equipped with a one-way valve or other proper respiratory medical device.

Most important symptoms/effects, acute and delayed

Irritation of eyes and mucous membranes. Prolonged exposure may cause chronic effects. May cause drowsiness or dizziness.

Indication of immediate medical attention and special treatment needed, if necessary

Provide general supportive measures and treat symptomatically. In case of shortness of breath, give oxygen. Keep victim

warm. Keep victim under observation. Symptoms may be delayed.

General information: Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. IF exposed or concerned: Get medical advice/attention. Wash contaminated clothing before reuse.

5 Fire-fighting measures

Suitable extinguishing media

Alcohol resistant foam. Water. Dry powder. Carbon dioxide (CO2).

Specific hazards arising from the chemical

Contents under pressure. Pressurized container may explode when exposed to heat or flame.

Special protective actions 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.

Fire-fighting equipment/instructions: Move containers from fire area if you can do so without risk. Use water spray to cool unopened containers. Containers should be cooled with water to prevent vapor pressure build up. For massive fire in cargo area, use unmanned hose holder or monitor nozzles, if possible.

Specific methods: Use standard firefighting procedures and consider the hazards of other involved materials. Move container from fire area if it can be done without risk. Cool containers exposed to flames with water until well after the fire is out. In the event of fire and/or explosion do not breathe fumes.

6 Accidental release measures

Personal precautions, protective equipment and emergency procedures

Immediately evacuate personnel to safe areas. Keep people away from and upwind of spill/leak. Keep out of low areas. Wear appropriate personal protective equipment. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ventilate closed spaces before entering them. Local authorities should be advised if significant spillages cannot be contained. For personal protection, see section 8 of the MSDS.

Environmental precautions

Avoid release to the environment. Contact local authorities in case of spillage to drain/aquatic environment. Prevent further leakage or spillage if safe to do so. Do not contaminate water. Avoid discharge into drains, water courses or onto the ground.

Methods and materials for containment and cleaning up

Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Keep combustibles away from spilled material. Stop leak if you can do so without risk. Move the cylinder to a safe and open area if the leak is irreparable. Isolate area until gas has dispersed. Collect spillage, collect entry into waterways, sewer, basements or confined areas. For waste disposal, see section 13 of the SDS.

7 Handling and storage

Precautions for safe handling

Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Pressurized container: Do not pierce or burn, even after use. Do not use if spray button is missing or defective. Do not

spray on a naked flame or any other incandescent material. Do not smoke while using or until sprayed surface is thoroughly dry. Do not cut, weld, solder, drill, grind, or expose containers to heat, flame, sparks, or other sources of ignition. All equipment used when handling the product must be grounded. Do not re-use empty containers. Do not breathe gas. Do not taste or swallow. Avoid contact with skin. Avoid contact with eyes. Avoid contact during pregnancy/while nursing. Avoid prolonged exposure. Use only in well-ventilated areas. Use personal protective equipment as required. Observe good industrial hygiene practices. When using, do not eat, drink or smoke. Wash hands thoroughly after handling. Do not empty into drains.

Conditions for safe storage, including any incompatibilities

Pressurized container. Protect from sunlight and do not expose to temperatures exceeding 50°C/122 °F. Do not puncture, incinerate or crush. Do not handle or store near an open flame, heat or other sources of ignition. This material can accumulate static charge which may cause spark and become an ignition source. Store away from incompatible materials (see Section 10 of the MSDS). Level 3 Aerosol.

8 Exposure controls/personal protection

Control parameters

Occupational exposure limits

US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)

Components	Type	Value
Acetone (CAS 67-64-1)	PEL	2400 mg/m3 1000 ppm
Hexane (CAS 110-54-3)	PEL	1800 mg/m3 500 ppm
Propane (CAS 74-98-6)	PEL	1800 mg/m3 1000 ppm

US. ACGIH Threshold Limit Values

Components	Type	Value
Acetone (CAS 67-64-1)	STEL	750 ppm
	TWA	500 ppm
Hexane (CAS 110-54-3)	TWA	50 ppm

US. NIOSH: Pocket Guide to Chemical Hazards

Components	Type	Value
Acetone (CAS 67-64-1)	TWA	590 mg/m3 250 ppm
Hexane (CAS 110-54-3)	TWA	180 mg/m3 50 ppm
Propane (CAS 74-98-6)	TWA	1800 mg/m3 1000 ppm

US. AIHA Workplace Environmental Exposure Level (WEEL) Guides

Components	Type	Value
Dimethyl Ether (CAS 115-10-6)	TWA	1880 mg/m3 1000 ppm

Biological limit values

ACGIH Biological Exposure Indices

Components Value Determinant Specimen Sampling Time

Acetone (CAS 67-64-1) 50 mg/l Acetone Urine *

0.4 mg/l 2,5-Hexanedion, without hydrolysis

Hexane Urine *
(CAS 110-54-3)
* - For sampling details, please see the source document.

Exposure guidelines
US - California OELs: Skin designation
Hexane (CAS 110-54-3) Can be absorbed through the skin.

US ACGIH Threshold Limit Values: Skin designation
Hexane (CAS 110-54-3) Can be absorbed through the skin.

Appropriate engineering controls

Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level. Provide eyewash station.

Individual protection measures

Eye/Face Protection:	Wear eye/face protection. Wear safety glasses with side shields (or goggles).
Hand Protection:	Wear protective gloves.
Other:	Wear appropriate chemical resistant clothing.
Respiratory Protection:	If permissible levels are exceeded use NIOSH mechanical filter/organic vapor cartridge or an air-supplied respirator.
Thermal Hazards:	Wear appropriate thermal protective clothing, when necessary.
General Hygiene Considerations:	When using, do not eat, drink or smoke. Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

9 Physical and chemical properties

Physical and chemical properties

Color:	Pink
Form:	Aerosol
Physical State:	Gas
Flash Point:	-156.00 °F (-104.44 °C) Propellant estimated
Melting point/freezing point:	Not available
Odor:	Not available
pH:	Not available
Solubility(ies):	Not available
Vapor Pressure:	51.04 psig @70F estimated
Viscosity:	Not available
Other Information:	Specific gravity 0.706 estimated

10 Stability and reactivity

Reactivity

The product is stable and non-reactive under normal conditions of use, storage and transport.

Chemical stability

Material is stable under normal conditions.

Possibility of hazardous reactions

Hazardous polymerization does not occur.

Conditions to avoid

Avoid temperatures exceeding -156°F.

Hazardous decomposition products

No hazardous decomposition products are known.

11 Toxicological information

Information on the likely routes of exposure

Ingestion: Fatal if swallowed.

Inhalation: Prolonged inhalation may be harmful. Narcotic effects. May cause damage to organs by inhalation.

Skin Contact: Causes skin irritation.

Eye Contact: Causes serious eye irritation.

Symptoms related to the physical, chemical and toxicological characteristics

Symptoms of overexposure may be headache, dizziness, tiredness, nausea and vomiting. Irritant effects.

Numerical measures of toxicity (such as acute toxicity estimates)

Acute Toxicity: Fatal if swallowed. Narcotic effects.

Product Species Test Results
WEB ADH (CAS Mixture)
LD50 Rabbit
Dermal
Acute
77585.5391 mg/kg, estimated
77.5855 ml/kg, estimated
Rat 16559.7031 mg/kg, estimated
LC50 Mouse
Inhalation
4160.8589 mg/l, 15 Minutes, estimated
3248.3252 mg/l, 30 Minutes, estimated
Rat 7985.1187 mg/l, 15 Minutes, estimated
2596.5391 mg/l, 4 Hours, estimated
1505.6975 mg/l/4h, estimated
194.3518 mg/l, 8 Hours, estimated
LD50 Mouse
Oral
11637.8311 mg/kg, estimated
Rabbit 20715.3379 mg/kg, estimated
Rat 131.7234 mg/kg, estimated

Wistar rat 270.5203 mg/kg, estimated
LD50 Mouse
Other
5031.4224 mg/kg, estimated
2317.2 ml/kg, estimated
Rat 11276.4131 mg/kg, estimated
Components Species Test Results
Acetone (CAS 67-64-1)
LD50 Rabbit
Dermal
Acute
20000 mg/kg
20 ml/kg
LC50 Rat
Inhalation
76 mg/l, 4 Hours
50.1 mg/l, 8 Hours
LD50 Mouse
Oral
3000 mg/kg
Rabbit 5340 mg/kg
Rat 5800 mg/kg
LD50 Mouse
Other
1297 mg/kg
Rat 5500 mg/kg
Hexane (CAS 110-54-3)
LC50 Mouse
Inhalation
Acute
48000 mg/l, 4 Hours
LD50 Rat
Oral
24 mg/kg
Wistar rat 49 mg/kg
Dimethyl Ether (CAS 115-10-6)
LC50 Mouse
Inhalation
Acute
494.36 mg/l, 15 Minutes
385.94 mg/l, 30 Minutes
Rat 308.5 mg/l, 4 Hours
Components Species Test Results
Propane (CAS 74-98-6)
LC50 Rat
Inhalation
Acute
> 1442.847 mg/l, 15 Minutes
658 mg/l/4h
* Estimates for product may be based on additional component data not shown.

Interactive effects

Skin corrosion/irritation: Causes skin irritation

Serious eye damage/eye irritation:	Causes serious eye irritation
Respiratory sensitization:	Not available
Skin sensitization:	This product is not expected to cause skin sensitization.
Germ cell mutagenicity:	Not available
Carcinogenicity:	Not available
Reproductive toxicity:	Not available
Specific target organ toxicity - single exposure:	Narcotic effects
Specific target organ toxicity - repeated exposure:	Causes damage to organs through prolonged or repeated exposure.
Aspiration hazard:	Not likely, due to the form of the product.
Chronic effects:	Prolonged inhalation may be harmful. Prolonged exposure may cause chronic effects. Causes damage to organs through prolonged or repeated exposure.

12 Ecological information

Toxicity

Toxic to aquatic life. Harmful to aquatic life with long lasting effects. Accumulation in aquatic organisms is expected.

Product Species Test Results
WEB ADH (CAS Mixture)
Crustacea EC50 Daphnia 593.0923 mg/L, 48 Hours, estimated
Fish LC50 Fish 22.835 mg/l, 96 hours, estimated
Components Species Test Results
Acetone (CAS 67-64-1)
Aquatic
Crustacea EC50 Water flea (Daphnia magna) 21.6 - 23.9 mg/l, 48 hours
Fish LC50 Rainbow trout,donaldson trout 4740 - 6330 mg/l, 96 hours
(Oncorhynchus mykiss)
* Estimates for product may be based on additional component data not shown.
Hexane (CAS 110-54-3)
Aquatic
Fish LC50 Fathead minnow (Pimephales promelas) 2.101 - 2.981 mg/l, 96 hours

Persistence and degradability

No data is available on the degradability of this product.

Bioaccumulative potential

No data available.
Partition coefficient n-octanol / water (log Kow)
Dimethyl Ether 0.1
Acetone -0.24
Propane 2.36
Hexane 3.9

Mobility in soil

No data available.

Other adverse effects

No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.

VOC Content Category:	Web Spray Adhesive • VOC content is less than 55% by weight.

13 Disposal considerations

Disposal methods

Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Contents under pressure. Do not puncture, incinerate or crush. This material and its container must be disposed of as hazardous waste. Do not allow this material to drain into sewers/water supplies. Do not contaminate ponds, waterways or ditches with chemical or used container. Dispose of contents/container in accordance with local/regional/national/international regulations.

Local disposal regulations: Dispose in accordance with all applicable regulations.

Hazardous waste code: The waste code should be assigned in discussion between the user, the producer and the waste disposal company.

US RCRA Hazardous Waste U List: Reference
Acetone (CAS 67-64-1) U002

Waste from residues / unused products: Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions).

Contaminated packaging: Empty containers should be taken to an approved waste handling site for recycling or disposal. Since emptied containers may retain product residue, follow label warnings even after container is emptied. Do not re-use empty containers.

14 Transport information

UN Number

UN1950

UN Proper Shipping Name

Aerosols, flammable

Transport hazard class(es)

2.1

Packing group, if applicable

Not available

Special precautions for user

Read safety instructions, SDS and emergency procedures before handling.

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

None

15 Regulatory information

Safety, health and environmental regulations specific for the product in question

US federal regulations
This product is a "Hazardous Chemical" as defined by the OSHA Hazard CommunicationStandard, 29 CFR 1910.1200.

TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)
Not regulated.

CERCLA Hazardous Substance List (40 CFR 302.4)
Acetone (CAS 67-64-1) LISTED
Hexane (CAS 110-54-3) LISTED
US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)
Not listed.
SARA 304 Emergency release notification
Not regulated.
Superfund Amendments and Reauthorization Act of 1986 (SARA)
Hazard categories Immediate Hazard - Yes
Delayed Hazard - Yes
Fire Hazard - Yes
Pressure Hazard - Yes
Reactivity Hazard - No
SARA 302 Extremely hazardous substance
No
SARA 311/312 Hazardous
chemical
No
Other federal regulations
Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List
Hexane (CAS 110-54-3)
Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)
Dimethyl Ether (CAS 115-10-6)
Propane (CAS 74-98-6)
Safe Drinking Water Act (SDWA)
Not regulated.
Drug Enforcement Administration (DEA). List 2, Essential Chemicals (21 CFR 1310.02(b) and 1310.04(f)(2) and Chemical Code Number
Acetone (CAS 67-64-1) 6532
Drug Enforcement Administration (DEA). List 1 & 2 Exempt Chemical Mixtures (21 CFR 1310.12(c))
Acetone (CAS 67-64-1) 35 % weight/volumn
DEA Exempt Chemical Mixtures Code Number
Acetone (CAS 67-64-1) 6532
Food and Drug Administration (FDA)
Not regulated.

US state regulations
US. New Jersey Worker and Community Right-to-Know Act
Hexane (CAS 110-54-3) 500 lbs
Dimethyl Ether (CAS 115-10-6) 500 lbs
Propane (CAS 74-98-6) 500 lbs
US. Pennsylvania RTK - Hazardous Substances
Acetone (CAS 67-64-1)
Hexane (CAS 110-54-3)
Dimethyl Ether (CAS 115-10-6)
Propane (CAS 74-98-6)
US. California Proposition 65
WARNING: This product contains a chemical known to the State of California to cause cancer and birth defects or other reproductive harm.

International Inventories

Country(s) or region Inventory name On inventory (yes/no)*

Australia Australian Inventory of Chemical Substances (AICS) - No
Canada Domestic Substances List (DSL) - No
Canada Non-Domestic Substances List (NDSL) - No
China Inventory of Existing Chemical Substances in China (IECSC) - No
Europe European Inventory of Existing Commercial Chemical Substances (EINECS) - No
Europe European List of Notified Chemical Substances (ELINCS) - No
Japan Inventory of Existing and New Chemical Substances (ENCS) - No
Korea Existing Chemicals List (ECL) - No
New Zealand New Zealand Inventory - No
Philippines Philippine Inventory of Chemicals and Chemical Substances (PICCS) - No
United States & Puerto Rico Toxic Substances Control Act (TSCA) Inventory - Yes
*A "Yes" indicates this product complies with the inventory requirements administered by the governing country(s)
A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing
country(s).

16 Other information

Other information

Disclaimer: The information and recommendations contained herein are based upon tests believed to be reliable. However, the manufacturer/distributor of this product does not guarantee their accuracy or completeness NOR SHALL ANY OF THIS INFORMATION CONSTITUTE A WARRANTY, WHETHER EXPRESSED OR IMPLIED, AS TO THE SAFETY OF THE GOODS, THE MERCHANTABILITY OF THE GOODS, OR THE FITNESS OF THE GOODS FOR A PARTICULAR PURPOSE. Adjustment to conform to actual conditions of usage may be required. The manufacturer/distributor assumes no responsibility for results obtained or for incidental or consequential damages, including lost profits, arising from the use of these data. No warranty against infringement of any patent, copyright or trademark is made or implied.