Safety Data Sheet

1 Identification

GHS Product Identifier

Chemical Name: Organic Mixture
Product Name: Pro Stick 55 Multi-Purpose Spray Adhesive
Product Code: 5016

Recommended use of the chemical and restriction on use

Mist 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

Flammable aerosol

Contains gas under pressure; may explode if heated

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 and skin 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.

3 Composition/information on ingredients

Description	CAS Number	EINECS Number	%	Note
Acetone	67-64-1		50	
n-hexane	110-54-3		14	
Propane	74-98-6		19	
Dimethyl Ether	115-10-6		12	
Cyclohexane	110-82-7		5	

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).

Unsuitable extinguishing media
None known.

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 PEL 1800 mg/m3 (CAS 110-54-3)
500 ppm
Propane (CAS 74-98-6) PEL 1800 mg/m3
1000 ppm

US. ACGIH Threshold Limit Values

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

US. NIOSH: Pocket Guide to Chemical Hazards

Components Type Value:
Acetone (CAS 67-64-1) TWA 590 mg/m3
250 ppm
Hexane TWA 180 mg/m3 (CAS 110-54-3)
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 TWA 1880 mg/m3115-10-6)
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
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

Toxicological (health) effects

Acute toxicity: Fatal if swallowed. Narcotic effects.

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.

Delayed and immediate effects and also chronic effects from short and long term exposure

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.

Numerical measures of toxicity (such as acute toxicity estimates)

Mist 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

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

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.

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: Mist Spray Adhesive • VOC content is less than 65% 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

Environmental hazards

No

Special precautions for user

Read safety instructions, SDS and emergency procedures before handling.

Packaging Exceptions: LTD QTY

IMDG

UN number: UN1950
UN proper shipping name: AEROSOLS
Transport hazard class(es): 2.1

Subsidiary class(es)

Packaging group: Not available
Marine pollutant: No
Environmental hazards
Labels required: None
EmS: Not available

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

Not applicable

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 Communication Standard, 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 Hexane, a chemical known to the State of California to cause cancer and birth defects or other reproductive harm.
For more information go to www.P65Warnings.ca.gov

International Inventories

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

Australia	Australian Inventory of Chemical Substances	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.