



SAFETY DATA SHEET

MIST ADHESIVE

SECTION 1: IDENTIFICATION

PRODUCT NAME: 88 SUPER FLASH ADHESIVE

CAS NUMBER: MIXTURE

DESCRIPTION: MIST ADHESIVE

MANUFACTURED FOR: ALLOPAR LLC USA

1000 COLUMBIA AVENUE

LANCASTER, PA 17603 USA

Information Phone Number: +1-717-982-2222

Emergency Phone Number: 800-424-9300 –USA / 1-703-527-3887 – International (Chemtrec)

SDS Date of Preparation: 04/02/2013

REVISION DATE: 06/30/2014

Product Use: Adhesive – consumer product

Restriction on Use: None identified

SECTION 2: HAZARDS IDENTIFICATION

GHS Classification (Hazcom 2012):

Flammable Aerosol Category 1

Gas Under Pressure: Compressed Gas

Skin Irritation Category 2

Eye Irritation Category 2

Reproductive Hazard Category

2 Aspiration Hazard Category 1

Specific Target Organ Toxicity – Single Exposure Category 3 (narcotic effects)

Specific Target Organ Toxicity – Repeat Exposure Category 2 (Nervous System)

Label Elements:



Contains Hexane and Acetone

DANGER!

Extremely Flammable Aerosol.

Contains gas under pressure; may explode if heated.

Causes skin irritation.

Causes serious eye irritation.

Suspected of damaging fertility or the unborn child.

May cause drowsiness or dizziness.

May be fatal if swallowed and enters airways.

May cause damage to the nervous system through prolonged or repeated exposure by inhalation.

Obtain special instructions before use.

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

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Keep out of reach of children.
Keep away from heat, sparks, open flames, hot surfaces – No smoking.
Do not spray on an open flame or other ignition source.
Pressurized container: Do not pierce or burn, even after use.
Protect from sunlight. Store in a well-ventilated place.
Do not expose to temperatures exceeding 120°F.
Avoid breathing mist, vapours, or spray.
Use only outdoors or in a well-ventilated area.
Wash thoroughly after handling.
Wear protective gloves, protective clothing, and eye and face protection.

If exposed or concerned: Get medical advice or attention.
Get medical advice or attention if you feel unwell.
IF ON SKIN: Wash with plenty of water.
If skin irritation occurs: Get medical advice or attention.
Take off contaminated clothing and wash it before reuse.
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 or attention.
IF INHALED: Remove person to fresh air and keep comfortable for breathing.
Call a POISON CENTER or doctor if you feel unwell.
IF SWALLOWED: Immediately call a POISON CENTER or doctor.
Do NOT induce vomiting.

Store in a well-ventilated place. Keep container tightly closed.
Store locked up.

Dispose of contents and container in accordance with local, state, and national regulations.

Other Hazards: None

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS#	%	GHS Classification
Cyclohexane	110-82-7	20-30	Flammable Liquid Category 2 Skin Irritation Category 2 Aspiration Hazard Category 1 Specific Target Organ Toxicity Single Exposure Category 3 (narcotic)
Hexane	110-54-3	5-15	Flammable Liquid Category 2 Skin Irritation Category 2 Aspiration Hazard Category 1 Reproductive Toxicity Category 2 Specific Target Organ

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			Toxicity Single Exposure Category 3 (narcotic) Specific Target Organ Toxicity Repeat Exposure Category 2 (Nervous System)
Acetone	67-64-1	15-25	Flammable Liquid Category 2 Eye Irritation Category 2 Specific Target Organ Toxicity Single Exposure Category 3 (narcotic)
Liquefied Petroleum Gas	68476-86-8	25-35	Flammable Gas Category 1 Liquefied Gas Category 1

SECTION 4: FIRST AID MEASURES

Eye: Rinse thoroughly with water, holding the eye lids open to be sure the material is washed out. Remove contacts if it is safe and easy to do so. Continue rinsing. Get medical attention if irritation persists.

Skin: Remove contaminated clothing. Wash exposed area thoroughly with soap and water. Get medical attention if irritation or symptoms of exposure develop. Launder clothing before re-use.

Inhalation: Remove victim to fresh air. Give artificial respiration if needed. If breathing is difficult, oxygen should be administered by qualified personnel. Get immediate medical attention.

Ingestion: Ingestion is an unlikely route of exposure for aerosol products. If ingestion occurs, do NOT induce vomiting. Immediately call local poison control center or go to an emergency department. Never give anything by mouth to an unconscious or drowsy person.

Most Important symptoms and effects, both acute and delayed: Causes eye and skin irritation. Prolonged or repeated skin contact may cause defatting or drying of the skin. Mist may cause respiratory tract irritation. Inhalation of vapors may cause drowsiness or dizziness. Prolonged or repeated inhalation may cause permanent central nervous system effects with numbness, tingling, muscular weakness and loss of sensation. Aspiration into lungs during swallowing or vomiting may cause fatal or harmful lung damage.

Indication of any immediate medical attention and special treatment needed: Medical attention may be required for skin and eye exposure or inhalation. Get immediate medical attention for ingestion.

SECTION 5: FIRE-FIGHTING MEASURES

Suitable and Unsuitable Extinguishing Media: Use dry chemical, carbon dioxide, or foam. Use water to cool fire-exposed containers and to protect personnel. Do not direct a solid stream of water or foam into hot, burning pools this may results in frothing and increase fire intensity.

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Special Hazards Arising from the Chemical:

Unusual Fire Hazards: Contents under pressure. Keep away from heat and open flames. Container may rupture or explode in the heat of a fire. Prolonged exposure to temperatures above 120°F may cause cans to burst. Empty containers may retain product residue including Flammable or Explosive vapors. DO NOT cut, drill, grind, or weld near full, partially full, or empty product containers.

Hazardous Decomposition Products: Carbon dioxide, carbon monoxide, and other toxic or irritating materials.

Special Equipment and Precautions for Fire-Fighters: Wear NIOSH approved, positive pressure, self-contained breathing apparatus and full protective clothing. Cool fire exposed containers with water. Protect against bursting cans.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures: Evacuate the area promptly and keep upwind of the spilled material. Isolate the spill area to prevent people from entering. Wear appropriate personal protective equipment and clothing during clean-up. Eliminate all sources of ignition. Ventilate area.

Methods and Material for Containment and Cleaning Up: Stop discharge if safe to do so. Stop material from contaminating soil or from entering seers or water streams. Cover spills with inert absorbent and place in closed chemical waste containers.

SECTION 7: HANDLING AND STORAGE

FOR COMMERCIAL USE ONLY – NOT PACKAGED OR LABELED FOR HOME USE!

Precautions for Safe Handling: Keep product away from heat, sparks or open flame. Avoid contact with eyes and skin. Avoid breathing vapors, mists, or aerosols. Use with adequate ventilation. Wash exposed skin thoroughly with soap and water after use. Do not handle or store near an open flame, heat, or other sources of ignition. Contents under pressure. Do not puncture or incinerate container. Do not reuse the empty container.

Please read and follow the directions on the product label; they are your best guide to using this product in the most effective way, and give the necessary safety precautions to protect your health.

Conditions for Safe Storage, Including any Incompatibilities: Store in a cool, well-ventilated area at temperatures below 120°F. Do not store in direct sunlight.

Empty Container Precautions: Attention! Follow label warnings even after container is emptied since empty containers may retain product residues. Do not reuse empty container without professional cleaning for food, clothing, or products for human or animal consumption, or where skin contact can occur.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Chemical Name	Exposure Limits
Cyclohexane	100 ppm TWA ACGIH-TLV 300 ppm TWA OSHA-PEL

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Hexane	50 ppm TWA ACGIH-TLV (Skin) 500 ppm TWA OSHA-PEL
Acetone	500 ppm TWA, 750 ppm ACGIH-TLV 1000 ppm TWA OSHA-PEL
Liquefied Petroleum Gas	1000 ppm TWA ACGIH-TLV

Appropriate Engineering Controls: General ventilation should be adequate for normal use. For operations where the occupational exposure limit may be exceeded, mechanical ventilation such as local exhaust may be needed to maintain exposure levels below applicable limits.

Respiratory Protection: For operations where the occupational exposure limit may be exceeded, a NIOSH approved supplied air respirator is recommended. Equipment selection depends on contaminant type and concentration, select in accordance with good industrial hygiene practice. For firefighting, use self-contained breathing apparatus.

Skin Protection: Impervious gloves are recommended for operations which may result in prolonged / repeated skin contact.

Eye Protection: Wear chemical safety glasses with side shields or goggles to prevent eye contact.

Other Protective Equipment: Protective clothing if needed to avoid prolonged / repeated skin contact. Suitable washing and eye flushing facilities should be available in the work area. Contaminated clothing should be removed and laundered before re-use.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Off-white liquid	Vapor Density: Not determined
Odor: Characteristic	Specific Gravity: 0.79
Odor Threshold: Not established	Water Solubility: Soluble
pH: Not determined	Octanol/Water Partition Coefficient: Not available
Melting Point/Freezing Point: Not available	Autoignition Temperature: Not available
Boiling Point: Not available	Decomposition Temperature: Not available
Flash Point: Less than -104.4°C (-156°F) (propellant) >-20°C (>-4°F) (concentrate)	Viscosity: Not available
Evaporation Rate: Not available	Explosion Properties: None
Flammable Limits: LEL: 1.8% (propellant), 3.4% (concentrate) UEL: 9.2% (propellant), 18% (concentrate)	Oxidizing Properties: Not oxidizing
Vapor Pressure: Not available	Aerosol Fire Protection Level: Level 3 Aerosol (NFPA 30B)
Aerosol Flame Extension: Not available	Flashback: None
VOC: 81.14% by weight (949.3 g/L)	

SECTION 10: STABILITY AND REACTIVITY

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Reactivity: Not reactive under normal conditions of use

Chemical Stability: Stable under normal storage and handling conditions.

Possibility of Hazardous Reactions: None known

Conditions to Avoid: Keep away from heat, sparks, flames and other sources of ignition. Dropping containers may cause bursting.

Incompatible Materials: Avoid strong oxidizers, reducers, acids, and alkalis.

Hazardous Decomposition Products: Combustion will produce carbon dioxide, carbon monoxide, and other toxic and irritating materials.

SECTION 11: TOXICOLOGICAL INFORMATION

Potential Health Effects:

Eye: Liquid or vapours may irritate the eyes. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Eye contact may lead to permanent damage if not treated promptly.

Skin: This product may cause irritation to the skin. Prolonged or repeated contact with this product may dry and/or defat the skin. This product may be harmful if it is absorbed through the skin.

Inhalation: This product may cause dizziness, nausea, upper respiratory irritation, drowsiness, and mental depression or narcosis, difficulty in breathing, irregular heartbeats. Prolonged and repeated exposure may cause permanent nervous system effects with muscular weakness, numbness, tingling, and loss of sensation.

Ingestion: This product is harmful if swallowed. Ingestion can cause gastrointestinal irritation, nausea, and diarrhea. Product is an aspiration hazard. Fatal or harmful lung damage may occur during swallowing or vomiting.

Chronic Hazards: Prolonged overexposure may cause central nervous system effects. Hexane has been shown to cause reproductive toxicity and/or birth defects.

Carcinogen Status: None of the components of this product are listed as carcinogens by IARC, NTP, OSHA or the EU Directive.

Numerical Measures of Toxicity:

Cyclohexane: Oral Rat LD50 – 5000 mg/kg, Inhalation rat LC50 – >4044ppm/4 hr,
Dermal rabbit LD50 – >2000 mg/kg

Hexane: Oral rat LD50 – 12705 mg/kg

Acetone: Oral rat LD50 – 5800 mg/kg, Inhalation rat LC50 – >16000ppm/4 hr, Dermal rabbit LD50 – >20000 mg/kg

Liquefied Petroleum Gas: Inhalation rat LC50 – 658 mg/L/4 hr

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SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity: No data available. Product contains ingredients that are toxic to the aquatic environment. Avoid releases.

Persistence and Degradability: No data available

Bioaccumulative Potential: No data available

Mobility in Soil: No data available

Other Adverse Effects: None known

SECTION 13: DISPOSAL CONSIDERATIONS

Dispose in accordance with all local, regional and national regulations. Do not puncture or incinerate containers. When contents are depleted, continue to depress button until all gas is expelled.

SECTION 14: TRANSPORT INFORMATION

DOT Proper Shipping Name: Consumer Commodity

DOT Technical Name: None

DOT Hazard Class: ORM-D

UN Number: None

DOT Labels Required (49CFR172.101): None

Hazardous Substance (49CFR172.101): None

Reportable Quantity: N/A

IMDG Shipping Description: UN1950, Aerosols, 2.1, FP -104 C, Limited Quantity, Marine Pollutant

ID Number: UN1950

Hazard Class: 2.1

Packing Group: None

Labels Required: None

Marking Required: LTD QTY

Placards Required: Limited Quantity Mark

This product cannot be shipped by air unless it is repackaged by an authorized packing company.

SECTION 15: REGULATORY INFORMATION

Regulatory Information:

CERCLA 103 Reportable Quantity: Releases of this product in excess of the reportable quantity of 20,000 lbs (based on acetone of 5000 lbs) are reportable to the National Response Center. Many states have more stringent reporting requirements. Report spills and other releases as required under federal, state and local regulations.

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SARA TITLE III:

Hazard Category for Section 311/312: Acute Health, Chronic Health, Fire Hazard, Sudden Release of Pressure

Section 313 Toxic Chemicals: This product contains the following chemicals subject to SARA Title III Section 313 Reporting requirements:

n-Hexane	110-54-6	5-15%
Cyclohexane	110-82-7	20-30%

Section 302 Extremely Hazardous Substances (TPQ): None

EPA Toxic Substances Control Act (TSCA) Status: All of the components of this product are listed on the TSCA inventory.

STATE REGULATIONS:

California Proposition 65: This product contains the following substances known to the State of California to cause cancer and/or reproductive harm: None.

SECTION 16: OTHER INFORMATION

Revision Summary: All Sections: New Format

SDS Date of Preparation/Revision: June 30, 2014

While the information set forth herein is believed to be accurate as of the date hereof, the Company makes no warranty or guarantee, express or implied, and disclaims all liability arising out of the use of this information.