

SAFETY DATA SHEET

Per OSHA HCS

Date SDS Printed & Reviewed: 06/01/15

Last Formula Revision Date: 04/14/15

(APF-ORMD)

SECTION 1: IDENTIFICATION

PRODUCT IDENTIFIER:

91209-6

SUPER GRIP

OTHER MEANS OF IDENTIFICATION (FOR CHEMTREC): FORMULA # 10V002N11.5

RECOMMENDED USE OF THE CHEMICAL: AEROSOL SPRAY

SUPPLIER DETAILS: MANUFACTURED BY:

PLASTI DIP INTERNATIONAL
3920 PHEASANT RIDGE DRIVE NE
BLAINE, MN 55449
Phone: (763)785-2156
Website: plastidip.com

EMERGENCY TELEPHONE NUMBERS:

Chemtrec 24-hour Emergency Phone: (800) 424-9300

Chemtrec Foreign Emergency Phone: (703) 527-3887

SECTION 2: HAZARDS IDENTIFICATION

CLASSIFICATION OF THE SUBSTANCE OF MIXTURE:

Flammable Aerosols, Category 1
Gasses Under Pressure, Category Compressed Liquid
Aspiration Hazard, Category 1
Skin Corrosion/Irritation, Category 2
Serious Eye Damage/Eye Irritation, Category 2A
Specific Target Organ Toxicity - Single Exposure, Category 3
Germ Cell Mutagenicity, Category 1A,1B
Carcinogenicity, Category 1A,1B
Reproductive Toxicity, Category 2
Specific Target Organ Toxicity - Repeated Exposure, Category 2

HAZARD PICTOGRAMS:

GHS02 Flame, GHS04 Gas Cylinder, GHS07 Exclamation Mark, GHS08 Health Hazard

SIGNAL WORD: DANGER

HAZARD STATEMENTS:

H222 Extremely flammable aerosol.
H280 Contains gas under pressure; may explode if heated.
H304 May be fatal if swallowed and enters airways.
H315 Causes skin irritation.
H319 Causes serious eye irritation.
H336 May cause drowsiness or dizziness.
H340 May cause genetic defects.
H350 May cause cancer.
H361 Suspected of damaging fertility or the unborn child.
H373 May cause damage to organs through prolonged or repeated exposure.

PRECAUTIONARY STATEMENTS:

GENERAL & PREVENTION:

P102 Keep out of reach of children.
P201 Obtain special instructions before use.

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P202 Do not handle until all safety precautions have been read and understood.
P210 Keep away from heat/sparks/open flames. No smoking.
P211 Do not spray on an open flame or other ignition source.
P251 Pressurized container: Do not pierce or burn, even after use.
P261 Avoid breathing vapor/spray.
P264 Wash hands thoroughly after handling.
P271 Use only outdoors or in a well-ventilated area.
P280 Wear eye protection.

RESPONSE:

P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/doctor.
P302+P352 IF ON SKIN: Wash with plenty of soap and water.
P304+P340 IF INHALED: Remove victim to fresh air and keep comfortable for breathing.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P308+P313 IF exposed or concerned: Get medical advice/attention.
P312 Call a POISON CENTER/doctor if you feel unwell.
P331 Do NOT induce vomiting.
P337+P313 If eye irritation persists: Get medical advice/attention.

STORAGE:

P403+P233 Store in a well-ventilated place. Keep container tightly closed when not in use.
P410+P403 Protect from sunlight. Store in a well-ventilated place.
P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50 degrees C/122 degrees F.

DISPOSAL:

P501 Dispose of contents/container in accordance with local/regional/national regulations.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

<u>#</u>	<u>COMPONENT</u>	<u>CAS#</u>	<u>% by WT.</u>
1	*TOLUENE	108-88-3	22.9
2	PROPANE	74-98-6	17.7
3	METHYL ACETATE	79-20-9	15.2
4	VM&P NAPHTHA	64742-89-8	10.6
5	N-BUTANE	106-97-8	8.3
6	HEPTANE	64742-49-0	5.9
7	MEK (METHYL ETHYL KETONE)	78-93-3	5.0
8	D-LIMONENE	94266-47-4	0.2

SECTION 4 - FIRST AID MEASURES

Inhalation: If inhaled: Remove victim to fresh air and keep comfortable for breathing

Skin Contact: If on skin: Wash with plenty of soap and water. Call a poison center/doctor if you feel unwell.
Remove contaminated clothing and wash before reuse.

Eye Contact: 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/attention.

Ingestion: If swallowed: Immediately call a poison center/doctor. Do NOT induce vomiting unless directed to do so by medical personnel.

MOST IMPORTANT SYMPTOMS AND EFFECTS, BOTH ACUTE AND DELAYED:

See Section 11: Toxicological Information and effects.

INDICATION OF ANY IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT REQUIRED:

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Treat symptomatically.

SECTION 5 - FIRE-FIGHTING MEASURES

Suitable Extinguishing Media: CO2 (Carbon Dioxide), dry chemical, or water fog.

Unsuitable Extinguishing Media: Water spray may be unsuitable. However, if water is used, fog nozzles are preferable. Water may be used to cool closed containers to prevent pressure build-up and possible explosion when exposed to extreme heat.

Specific Hazards Arising From the Chemical: Closed containers exposed to heat from fire may build pressure and explode. Products of combustion may include but are not limited to: oxides of carbon.

Special Protective Equipment and Precautions for Fire-Fighters: Full protective equipment including self-contained breathing apparatus should be used.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

Personal Precautions: Use personal protection recommended in Section 8.

Environmental Precautions: None known.

Methods of Containment: Absorb spilled liquid in suitable material.

Methods for Clean-Up: Use spark-proof tools to sweep or scrape up and containerize.

Other Information: Ensure adequate ventilation.

SECTION 7 - HANDLING AND STORAGE

Precautions for Safe Handling:

Vapors may ignite explosively. Prevent buildup of vapors. Keep from sparks, heat, flame or other heat sources. Do not smoke. Turn off pilot lights, heaters, electric motors and other sources of ignition during use and until all vapors are gone. Do not puncture or incinerate/burn container. Keep container tightly closed while not in use.

Conditions for Safe Storage, Including Any Incompatibilities:

Store in dry, well-ventilated area and in accordance with federal, state, and local regulations. Do not expose to heat or store at temperatures above 50 degrees C / 122 degrees F. If storing in cold temperatures, allow product to warm to room temperature before use. Keep container tightly closed and away from heat and sunlight when not in use.

SECTION 8 - EXPOSURE CONTROLS/PERSONAL PROTECTION

CONTROL PARAMETERS

#	COMPONENT	ACGIH TLV-STEL	ACGIH TLV-TWA	OSHA PEL-TWA
1	*TOLUENE	N/E	50.0 ppm	200.0 ppm
2	PROPANE	1800 ppm	2500 ppm	1000 ppm
3	METHYL ACETATE	250 ppm	200 ppm	200 ppm
4	VM&P NAPHTHA	N/E	300 ppm	300 ppm
5	N-BUTANE	N/E	800 ppm	800 ppm
6	HEPTANE	500 ppm	400 ppm	500 ppm
7	MEK (METHYL ETHYL KETONE)	300 ppm	200 ppm	200 ppm
8	D-LIMONENE	N/E	200 ppm	N/E

APPROPRIATE ENGINEERING CONTROLS: Provide adequate ventilation to keep air contamination below OSHA permissible exposure limits and ACGIH TLV exposure levels.

EYE/FACE PROTECTION: Wear safety glasses with side shields. Have eye wash facilities immediately available.

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SKIN PROTECTION: Wear chemical resistant gloves if contact is likely.

RESPIRATORY PROTECTION: Use NIOSH-approved air-purifying respirator with organic cartridge or canister if exposure cannot be controlled within applicable limits with ventilation.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Aerosol - Pressurized Liquid
COLOR: See product identification
ODOR: SOLVENT ODOR
ODOR THRESHOLD: No data available
pH: No data available
FREEZING POINT: Not Established (mixture)
BOILING POINT: N.A. (Pressurized mixture)
FLASH POINT: <-18 degrees C (<-0.4 degrees F), c.c.
EVAPORATION RATE: Faster than ether
UPPER FLAMMABILITY LIMIT: Not Established (mixture)
LOWER FLAMMABILITY LIMIT: Not Established (mixture)
VAPOR PRESSURE: Not Established (pressurized mixture)
SPECIFIC GRAVITY: 0.726
SOLUBILITY (WATER): Negligible
VOC PERCENT BY WEIGHT: 70.67
HAPS PERCENT BY WEIGHT: 22.92
MIR NUMBER (EPA AND CA): 1.443

SECTION 10: STABILITY AND REACTIVITY

CHEMICAL STABILITY: Stable under normal conditions.
POSSIBILITY OF HAZARDOUS REACTIONS: Will not occur.
CONDITIONS TO AVOID: Keep away from heat, sparks, and flames.
INCOMPATIBLE MATERIALS: Strong oxidizing agents.
HAZARDOUS DECOMPOSITION PRODUCTS: by fire - Carbon Dioxide and Carbon Monoxide

SECTION 11: TOXICOLOGICAL INFORMATION

LIKELY ROUTES OF ENTRY: Skin contact, Inhalation, Eye contact, Ingestion
SIGNS AND SYMPTOMS OF EXPOSURE:
Skin Contact: Signs/symptoms may include localized redness, itching, drying and cracking of skin.
Inhalation: Intentional concentration and inhalation may be harmful or fatal.
Eye Contact: Signs/symptoms may include significant redness, swelling, pain, tearing, cloudy appearance of the cornea, and impaired vision.
Ingestion: Signs/symptoms may include abdominal pain, stomach upset, nausea, vomiting and diarrhea.
TARGET ORGANS POTENTIALLY AFFECTED BY EXPOSURE:
Central nervous system, Kidneys, Lungs, Liver, Eyes, Respiratory Tract, Skin

TOXICOLOGICAL DATA:

#	COMPONENT	LD50 ORAL	LD50 DERMAL
1.	*TOLUENE	637	14100
2.	PROPANE	1000	1800

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3. METHYL ACETATE	16000	5000
4. VM&P NAPHTHA	N/E	N/E
5. N-BUTANE	N/E	N/E
6. HEPTANE	N/E	N/E
7. MEK (METHYL ETHYL KETONE)	2737	6480
8. D-LIMONENE	N/E	N/E

* May cause cancer.

SECTION 12: ECOLOGICAL INFORMATION

No data available.

SECTION 13: DISPOSAL CONSIDERATIONS

Dispose of container and its contents in accordance with federal, state, and local regulations.
Do not puncture, incinerate, or place container in trash compactor.

SECTION 14: TRANSPORTATION INFORMATION

GROUND (D.O.T./49 CFR):

Proper Shipping Name: Consumer Commodity
Transport Hazard Class: ORM-D

AIR (IATA)

UN I.D. Number: UN1950
Proper Shipping Name: AEROSOLS, FLAMMABLE
Transport Hazard Class: 2.1
Packing Group: - (not applicable)
Hazard Labels: LTD QTY label with "Y" in it, and Flammable Gas label
Packing Instruction: Y203
Shipping papers format: UN1950, AEROSOLS, FLAMMABLE, 2.1

WATER (IMDG)

UN I.D. Number: UN1950
Proper Shipping Name: AEROSOLS, FLAMMABLE
Transport Hazard Class: 2.1
Hazard Label: LTD QTY label (see IMDG 3.4.5.1)
Packing Instruction: P003, LP02
Ems: F-D, S-U
Stowage and Segregation: Category A
Shipping Papers format: UN1950, AEROSOLS, 2.1, (-18 C c.c.), LTD QTY

No component of this product is a listed Marine Pollutant (49 CFR 172,101,Appendix B).

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SECTION 15: REGULATORY INFORMATION

International Chemical Inventory

All components of this product are listed on or exempt from the following inventories:

TSCA (United States), CEPA/DSL (Canada), AICS (Australia), IECSC (China)

SARA Section 313 Toxic Chemicals:

*TOLUENE 108-88-3

Chemicals listed above are subject to the SARA reporting requirements under 40 CFR 372.45(c)(5).

California Prop65 Chemicals:

*TOLUENE 108-88-3

*California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65):

This product contains chemicals known to the state of California to cause cancer and birth defects or other reproductive harm.

SECTION 16: OTHER INFORMATION

REVISION DATE: 04/14/15

HMIS & NFPA Hazard Scale:

0=minimal, 1=slight, 2=moderate, 3=serious, 4=severe

HMIS(American Coatings Association's Hazardous Material Identification System):

Health = 2 Flammability = 4 Physical Hazard = 1

NFPA 704(National Fire Protection Association's Hazard Identification Ratings System):

Health = 2 Flammability = 4 Instablity = 1

This SDS is based on information believed to be reliable and accurate. Because of changing reporting requirements and other variables it is impossible to guarantee the accuracy of the information contained in this document. It is the responsibility of the user to determine proper personal protection based on actual condition of use and to comply with all Federal, State and Local laws and regulations.