Safety Data Sheet

according to OSHA Hazard Communication
29 CFR Part 1910.1200

Section 1. Identification

Identification Number: 8-27972

Product Name: GRIP-IT NO-SLIP I.H. RED 11 OZ.

Product Use/Class: Aerosol Spray

SUPPLIER:

Yenkin-Majestic Paint Corporation
1920 Leonard Avenue
Columbus, OH 43219

CHEMTREC 1-800-424-9300
24 Hr. Emergency Hotline

MANUFACTURER:

Yenkin-Majestic Paint Corporation
1920 Leonard Avenue
Columbus, OH 43219

CHEMTREC 1-800-424-9300
24 Hr. Emergency Hotline

Safety Data Sheet Coordinator: J. Michael Jacobs (614) 253-8511

Section 2. Hazard(s) Identification

EMERGENCY OVERVIEW: Harmful if inhaled. Harmful if absorbed through skin. Harmful if swallowed. May cause target organ or system damage (e.g., lung, nervous system, blood disorders, liver, kidney, immune system, cardiovascular system, thyroid, testicular, ovarian, etc.). Vapors irritating to eyes and respiratory tract. High vapor concentrations may cause drowsiness. Vapors may cause flash fire or explosion. Extremely flammable aerosol. May cause delayed lung damage.

GHS Classification
Carc. 2, Comp. Gas, Eye Irrit. 2, Fl Aer, 1, Skin Irrit. 2, STOT SE 3 NE, STOT SE 3 RTI

Symbol(s) of Product

Signal Word
danger

Possible Hazards
32% of the mixture consists of ingredients of unknown acute toxicity

GHS HAZARD STATEMENTS

Flammable Aerosol, category 1	H222	Extremely flammable aerosol.
Compressed Gas	H280	Contains gas under pressure; may explode if heated.
Skin Irritation, category 2	H315	Causes skin irritation.
Eye Irritation, category 2	H319	Causes serious eye irritation.
STOT, single exposure, category 3, RTI	H335	May cause respiratory irritation.
STOT, single exposure, category 3, NE	H336	May cause drowsiness or dizziness.
Carcinogenicity, category 2	H351	Suspected of causing cancer. Classified as Category 2 based on limited evidence on human and/or animal studies.

PRECAUTIONARY STATEMENTS: DISPOSAL

P501	Dispose of contents/container according to applicable local, national, and international regulations.

PRECAUTIONARY STATEMENTS: PREVENTION

P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P211	Do not spray on an open flame or other ignition source.
P251	Do not pierce or burn, even after use.
P261	Avoid breathing dust/fume/gas/mist/vapors/spray.
P264	Wash skin thoroughly after handling.
P271	Use only outdoors or in a well-ventilated area.
P280	Wear protective gloves/protective clothing/eye protection/face protection.

PRECAUTIONARY STATEMENTS: RESPONSE

P302+P352	IF ON SKIN: Wash with plenty of soap and water.
P304+P340	IF INHALED: Remove person 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.
P312	Call a POISON CONTROL CENTER/doctor if you feel unwell.
P321	Specific treatment (see supplemental first aid instruction on this label).
P332+P313	If skin irritation occurs: Get medical advice/attention.
P337+P313	If eye irritation persists: Get medical advice/attention.
P363	Wash contaminated clothing before reuse.

PRECAUTIONARY STATEMENTS: STORAGE

P403+P233	Store in a well-ventilated place. Keep container tightly closed.
P405	Store locked up.
P410+P412	Protect from sunlight. Do no expose to temperatures exceeding 50°C/ 122°F.

Section 3. Composition/Information on Ingredients

Chemical Name	CAS-No.	Wt. %	GHS Symbols	GHS Statements
ACETONE	67-64-1	15-20	GHS02-GHS07	H225-319-335-336
PROPANE	74-98-6	15-20	GHS04	H280
N-BUTANE	106-97-8	10-15	GHS04	H280
N-BUTYL ACETATE	123-86-4	9-10	GHS02-GHS07	H226-336
ALIPHATIC HYDROCARBON(MS)	8052-41-3	4-5	GHS02-GHS07	H226-336
ALIPHATIC HYDROCARBON	8052-41-3	4-5	GHS02-GHS07	H226-315-320-336
AROMATIC HYDROCARBON	64742-95-6	1-2	GHS02-GHS06-GHS08	H226-312-315-319-331-335-351-373
TITANIUM DIOXIDE	13463-67-7	0-1	GHS08	H351
ETHYL BENZENE (HAP)	100-41-4	0-1	GHS02-GHS08	H225-320-351-372
CYCLOHEXANONE	108-94-1	0-1	GHS02-GHS05-GHS07	H226-302-312-315-318-332

Section 4. First-Aid Measures

FIRST AID - INHALATION: Get medical attention immediately. Call a poison control center or physician. Wash out mouth with water. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Aspiration hazard if swallowed. Can enter lungs and cause damage. Do not induce vomiting. If vomiting occurs, the head should be kept low so that vomit does not enter lungs. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt, or waistband.

FIRST AID - SKIN CONTACT: Wash with soap and water. Get medical attention if irritation develops or persists.

FIRST AID - EYE CONTACT: Immediate flush eyes with pleny of water, occasionally lifting the upper and lower eyelids. Check for an remove any contact lenses. Continue to rinse for at least 10 minutes. Get medical attention.

FIRST AID - INGESTION: Remove victim to fresh air and keep at rest in a position comfortable for breathing. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask of self-contained breathing apparatus. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Get medical attention. If necessary, call a poison control center or physician. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt, or waistband.

MOST IMPORTANT SYMPTOMS: Eye irritation signs/symptoms may include a burning sensation, redness, swelling, and/or blurred

vision. Skin irritation signs/symptoms may include a burning sensation, redness, swelling, and/or blisters. If inhaled signs/symptoms may include coughing, choking, wheezing, difficulty in breathing, chest congestion, shortness of breath, and/or fever. Onset of respiratory symptoms may be delayed for several hours following exposure. Inhalation of high vapor concentrations may cause central nervous system depression resulting in dizziness, light-headedness, headache, nausea, and loss of coordination. Continued inhalation may result in unconsciousness and death.

INDICATION OF IMMEDIATE MEDICAL ATTENTION IF NECESSARY: If symptoms persist call a poison control center or a doctor/physician.

Section 5. Fire-Fighting Measures

UNUSUAL FIRE AND EXPLOSION HAZARDS: Vapors may form explosive mixture with air. Vapors can travel to a source of ignition and flash back. Flammable Liquid. Can release vapors that form explosive mixtures at temperatures at or above the flashpoint. Vapors are heavier than air and may travel along the ground or may be moved by ventilation and may be ignited by pilot lights, other flames, sparks, heaters, smoking, electric motors, static discharge, or other ignition sources at locations distant from material handling point. Eliminate or shut off ALL ignition sources prior to usage.

SPECIAL FIREFIGHTING PROCEDURES: Containers can build up pressure if exposed to heat (fire). As in any fire, wear self-contained breathing apparatus (MSHA/NIOSH approved or equivalent) and full protective gear. Water runoff can cause environmental damage. Dike and collect water used to fight fire. Move containers from fire area if it can be done without risk.

EXTINGUISHING MEDIA: Alcohol Foam, Carbon Dioxide, Dry Chemical, Foam, Water Fog

Section 6. Accidental Release Measures

PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT, AND EMERGENCY PROCEDURES: ELIMINATE all ignition sources (no smoking, flares, sparks, flames, or motor vehicles of any kind in the immediate area). Do not touch or walk through spilled material. Stop leak if you can do so without risk.

ENVIRONMENTAL PRECAUTIONS: Prevent entry into waterways, sewers, basements, and other confined spaces.

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Contain and absorb spill with inert material (e.g. dry sand or earth), then place in a chemical waste container. Avoid runoff into storm sewers and ditches which lead to waterways. Area should be ventilated. Avoid potential ignition sources.

Section 7. Handling and Storage

HANDLING: Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50°C. Do not pierce or burn, even after use. Avoid exposure during pregnancy. Do not breathe vapor or mist. Do not swallow. Avoid breathing gas. Use only with adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Store and use away from heat, sparks, open flame, or any other ignition source. Use explosion-proof equipment. Use only non-sparking tools. Empty containers retain product residue and can be hazardous.

STORAGE: Store in accordance with local regulations. Store away from direct sunlight in a dry, cool, well-ventilated area, and away from food or drink. Store locked up. Eliminate all ignition sources. Use appropriate containment to avoid environmental contamination.

Section 8. Exposure Controls/Personal Protection

Ingredients with Occupational Exposure Limits

Chemical Name	ACGIH TLV-TWA	ACGIH-TLV STEL	OSHA PEL-TWA	OSHA PEL-CEILING
ACETONE	250 ppm	500 ppm	1000 ppm	2400 mg/m3
PROPANE	1000 ppm	N.E.	1000 ppm	N.E.
N-BUTANE	1000 ppm	N.E.	N.E.	N.E.
N-BUTYL ACETATE	150 PPM	200 PPM	150 PPM	200 PPM
ALIPHATIC HYDROCARBON(MS)	100 PPM	N.E.	N.E.	N.E.
ALIPHATIC HYDROCARBON	100 ppm	N.E.	500 ppm	N.E.
AROMATIC HYDROCARBON	200 mg/m3	N.E.	400 ppm	500 ppm
TITANIUM DIOXIDE	5 mg/m3	N.E.	5 mg/m3	N.E.
ETHYL BENZENE (HAP)	100 ppm	125 ppm	100 ppm	N.E.
CYCLOHEXANONE	N.E.	N.E.	N.E.	N.E.

Legend: MEL = Maximum Exposure Limit OES = Occupational Exposure Standard SUP = Supplier's Recommendation Sk = Skin Sensitizer N.E. = Not Established

Protective Measures

ENGINEERING CONTROLS: Use explosion-proof ventilation equipment. Use only with adequate ventilation. Use process enclosures, local exhaust ventilation, or other engineering controls to keep worker exposure to airborne contaminants below and recommended or statutory limits. The engineering controls also need to keep gas, vapor, or dust concentrations below any lower explosive limits.

RESPIRATORY PROTECTION: Use ONLY in areas with adequate ventilation. If this product is used in an area without adequate ventilation (inside an enclosed room or building) a NIOSH/MSHA approve air purifying respirator with an organic vapor cartridge or canister MUST be used.

SKIN PROTECTION: Use chemical resistant splash goggles and face shield (ANSI Z87.1 or approved equivalent). The glove(s) listed below may provide protection against permeation. Gloves of other chemically resistant materials may not provide adequate protection. Additionally, Viton and Safety 4H (Canada) to prevent skin contact.

EYE PROTECTION: Wear safety glasses with side shields (or goggles) and a face shield.

OTHER PROTECTIVE EQUIPMENT: Where splashing is possible full chemically resistant protective clothing (e.g. acid suit) and boots are required.

HYGIENIC PRACTICES: Wash hands before eating. Remove contaminated clothing and wash before reuse. Use only in a well ventilated area. Follow all SDS/label precautions even after container is emptied because they may retain product residues. Avoid prolonged or repeated contact with skin. Avoid breathing vapors from heated material. Avoid contact with eyes, skin, and clothing.

Section 9. Physical and Chemical Properties

Appearance:	Aerosol Spray	**Physical State:**	Aerosol
Odor:	Organic Solvent	**Odor Threshold:**	N.D.
Specific Gravity:	0.764	**pH:**	N.A.
Freeze Point, °C:	N.D.	**Viscosity:**	N.A.
Solubility in Water:	Insoluble	**Partition Coefficient, n-octanol/ water:**	N.D.
Decompostion Temp., °C:	N.D.		
Boiling Range, °C:	57 - 196	**Explosive Limits, vol%:**	0.5 - 12.8
Evaporation Rate:	Faster than Diethyl Ether	**Flash Point, °C:**	-103.9
Vapor Density:	Heavier than air	**Vapor Pressure:**	N.D.

(See "Other information" Section for abbreviation legend)

Section 10. Stability and Reactivity

REACTIVITY: No Information

STABILITY: This product is stable under normal storage conditions.

POSSIBILITY OF HAZARDOUS REACTIONS: None under normal processing conditions.

CONDITIONS TO AVOID: Heat, sparks and open flames. High temperatures or high humidity.

INCOMPATIBILITY: Peroxides and strong oxidizing agents.

HAZARDOUS DECOMPOSITION PRODUCTS: May produce fumes when heated to decomposition, as in welding or fire. Fumes may contain: Carbon Monoxide, Carbon Dioxide and various other hydrocarbons.

Section 11. Toxicological Information

Practical Experiences

EFFECT OF OVEREXPOSURE - INHALATION: Breathing saturated vapors for a few minutes may be fatal. Saturated vapors can be encountered in confined spaces and/or under conditions of poor ventilation. Harmful if inhaled. Headaches, dizziness, nausea, decreased blood pressure, changes in heart rate and cyanosis may result from over-exposure to vapor or skin exposure. Proper respiratory equipment MUST be worn when sanding or abrading surfaces painted with this product. Sanding or abrading the dried paint film increases the risk of exposure. When incorporated in the liquid paint, pigments or extenders pose minimal risk of exposure.

EFFECT OF OVEREXPOSURE - SKIN CONTACT: Prolonged or repeated contact can result in defatting and drying of the skin which may result in skin irritation and dermatitis (rash).

EFFECT OF OVEREXPOSURE - EYE CONTACT: Liquid, aerosols and vapors of this product are irritating and can cause pain, tearing, reddening and swelling accompanied by a stinging sensation and/or a feeling like that of fine dust in the eyes.

EFFECT OF OVEREXPOSURE - INGESTION: This material may be harmful or fatal if swallowed. Irritating to mouth, throat and stomach.

PRIMARY ROUTE(S) OF ENTRY: Eye Contact, Ingestion, Inhalation, Skin Absorption, Skin Contact

STOT - SINGLE EXPOSURE

No Additional Information

STOT - REPEATED EXPOSURE

64742-95-6
Target Organs: Liver, Kidney, Central Nervous System

Carcinogenicity: The information below indicates whether each agency has listed any ingredient as a carcinogen if present at levels greater than or equal to 0.1 %.

CAS-No.	Name	NTP	OSHA	IARC
67-64-1	ACETONE	Not listed by NTP	Not listed by OSHA	Not listed by IARC
74-98-6	PROPANE	Not listed by NTP	Not listed by OSHA	Not listed by IARC
106-97-8	N-BUTANE	Not listed by NTP	Not listed by OSHA	Not listed by IARC
123-86-4	N-BUTYL ACETATE	Not listed by NTP	Not listed by OSHA	Not listed by IARC
8052-41-3	ALIPHATIC HYDROCARBON(MS)	Not listed by NTP	Not listed by OSHA	Not listed by IARC
8052-41-3	ALIPHATIC HYDROCARBON	Not listed by NTP	Not listed by OSHA	Not listed by IARC
64742-95-6	AROMATIC HYDROCARBON	Not listed by NTP	Not listed by OSHA	Not listed by IARC
13463-67-7	TITANIUM DIOXIDE	Not listed by NTP	Not listed by OSHA	Group 2B
100-41-4	ETHYL BENZENE (HAP)	Not listed by NTP	Not listed by OSHA	Group 2B
108-94-1	CYCLOHEXANONE	Not listed by NTP	Not listed by OSHA	Not listed by IARC

National Toxicological Program (NTP), Occupational Safety & Health Association (OSHA), International Agency for Research on Cancer (IARC) Group 1: Carcinogenic to Humans, Group 2A: Probably Carcinogenic to Humans, Group 2B: Possibly Carcinogenic to Humans, Group 3: Not Classifiable as to its Carcinogenicity to Humans

Acute Toxicity Values
The acute effects of this product have not been tested. Data on individual components are tabulated below:

CAS-No.	Name according to EEC	Oral LD50 (mg/kg)	Dermal LD50 (mg/kg)	Vapor LC50 (mg/L)
67-64-1	ACETONE	5800 (rat)	7426	No Information
74-98-6	PROPANE	No Information	No Information	No Information
106-97-8	N-BUTANE	No Information	No Information	No Information
123-86-4	N-BUTYL ACETATE	13,100 (rat)	>5000 (rabbit)	>21.0 (4 h, rat)
8052-41-3	ALIPHATIC HYDROCARBON(MS)	>2000 (rat)	>2000 (rat)	No Information
8052-41-3	ALIPHATIC HYDROCARBON	No Information	No Information	No Information
64742-95-6	AROMATIC HYDROCARBON	>5000 (rat)	>2000 (rabbit)	>5.2 (rat)
13463-67-7	TITANIUM DIOXIDE	5000 (rat)	No Information	>20 (4 h,rat)
100-41-4	ETHYL BENZENE (HAP)	3500 (rat)	17,000 (rabbit)	No Information
108-94-1	CYCLOHEXANONE	No Information	No Information	No Information

Section 12. Ecological Information

ECOLOGICAL INFORMATION: No Information

MOBILITY IN SOIL: No Information

OTHER ADVERSE EFFECTS: No Information

Section 13. Disposal Considerations

Product

DISPOSAL METHOD: DO NOT INCINERATE!Dispose of in accordance with all local, state, and federal regulation to an approved hazardous waste facility.

Section 14. Transport Information

SPECIAL TRANSPORT PRECAUTIONS: No Information

ENVIRONMENTAL HAZARDS: No Information

TRANSPORT IN BULK: See DOT Information below.

DOT Proper Shipping Name:	AEROSOLS, FLAMMABLE	**Packing Group:**	II
DOT UN/NA Number:	UN 1950	**Hazard SubClass:**	N.A.
DOT Hazard Class:	2.1	**Resp. Guide Page:**	126
DOT Technical Name:	N.A.		

Exception: **This material, when packaged in quantities of one gallon (5L) or less, qualifies for Limited Quantity exceptions as defined in 49 CFR 173.50(b). This includes exceptions from labeling requirements, shipping paper requirements, and placarding requirements typically associated with flammable materials. Inner packaging may not exceed one gallon (5L) per CFR 49 173.150 (b)(2). Outer packaging, consisting of cartons of 4-12 inner package containers with a total weight of less than 66 lbs (30 kgs) per Special Provision #149, prepared in accordance with applicable Limited Quantity requirements and offered for transportation by a mode other than air must display the Limited Quantity marking per 49 CFR 172.315. The Bill of Lading must list this item as AEROSOLS, FLAMMABLE, LIMITED QUANTITY per 49 CFR 172.200(b)(3) & 172.203 (b).**

Section 15. Regulatory Information

U.S. Federal Regulations:

CERCLA - SARA Hazard Category

This product has been reviewed according to the EPA 'Hazard Categories' promulgated under Sections 311 and 312 of the Superfund Amendment and Reauthorization Act of 1986 (SARA Title III) and is considered, under applicable definitions, to meet the following categories:

Fire Hazard, Pressure Hazard, Acute Health Hazard, Chronic Health Hazard

SARA SECTION 313:

This product contains the following substances subject to the reporting requirements of Section 313 of Title III of the Superfund Amendment and Reauthorization Act of 1986 and 40 CFR part 372:

Chemical Name	CAS-No.
1,2,4 TRIMETHYLBENZENE	95-63-6
XYLENE (HAP)	1330-20-7
ETHYL BENZENE (HAP)	100-41-4
CUMENE (HAP)	98-82-8
NORMAL BUTANOL	71-36-3
METHYL ALCOHOL (HAP)	67-56-1
N-HEXANE	110-54-3
METHYL ISOBUTYL KETONE (HAP)	108-10-1

TOXIC SUBSTANCES CONTROL ACT:

This product contains the following chemical substances subject to the reporting requirements of TSCA 12(b) if exported from the United States:

No TSCA 12(b) components exist in this product.

U.S. State Regulations:

PENNSYLVANIA RIGHT-TO-KNOW

The following non-hazardous ingredients are present in the product at greater than 3%. For hazardous components see Section 3.

Chemical Name	CAS-No.
ALKYD RESIN SOLUTION, LONG OIL, SOYA	PROPRIETARY
MICRONIZED POLYPROPYLENE WAX	9003-07-0

CALIFORNIA PROPOSITION 65 CARCINOGENS

Warning: The following ingredients present in the product are known to the state of California to cause Cancer:

Chemical Name	CAS-No.
ETHYL BENZENE (HAP)	100-41-4
CUMENE (HAP)	98-82-8
CRYSTALLINE SILICA	14808-60-7

METHYL ISOBUTYL KETONE (HAP)	108-10-1

CALIFORNIA PROPOSITION 65 REPRODUCTIVE TOXINS

Warning: The following ingredients present in the product are known to the state of California to cause birth defects, or other reproductive hazards.

Chemical Name	CAS-No.
METHYL ALCOHOL (HAP)	67-56-1

International Regulations: As follows -

CANADIAN REGULATORY INFORMATION:

This SDS has been prepared in compliance with Hazardous Product Regulations (HPR).

Canadian DSL: No Information

Section 16. Other Information, Including Date of Preparation of the Last Revision

Revision Date: 2/3/2017 **Supercedes Date:** New SDS

Datasheet produced by: Regulatory Department

HMIS Ratings:

Health: 2* **Flammability:** 3 **Reactivity:** 0 **Personal Protection:** H

Volatile Organic Compounds, lb/gal: 1.75

Volatile Organic Compounds, gr/ltr: 210

Maximum Incremental Reactivity, g Ozone/ g Product: 0.7

MIR Category: NFP Nonflat Products

Legend: N.A. - Not Applicable, N.E. - Not Established, N.D. - Not Determined, N.I. - No Information, STOT - Specific Target Organ Toxicity, MIR - Maximum Incremental Reactivity

The information on this safety data sheet corresponds to our present knowledge. It is not a specification and it does not guarantee specific properties. The information is intended to provide general guidance as to health and safety based upon our knowledge of the handling, storage, and use of the product. It is not applicable to unusual or non-standard uses of the product, or where instructions and recommendations are not followed. The user assumes all risks incident to the use of the product and must communicate to employees and customers all warnings that relate to the potential exposure to this product. It is the responsibility of the user to comply with all Federal, State, and Local laws, regulations, and ordinances, and to assure that all workplace and disposal practices are in compliance with such. ALL WARRANTIES, INCLUDING WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, ARE EXPRESSLY EXCLUDED. IN NO EVENT SHALL THE SUPPLIER BE LIABLE FOR ANY INCIDENTAL OR CONSEQUENTIAL DAMAGES.