This brief provides a general overview of the **Safety Data Sheet** requirements in the Hazard Communication Standard OSHA's 29 CFR 1910.1200(g) and Appendix D of 29 CFR 1910.1200).

Section 1 ~ Identification

Identity (As Used On Label and List) **A1029 Patch It Aluminum**	**Date Prepared:** 03-12-15
Company Information: OMEGA INDUSTRIAL SUPPLY, INC	**Emergency Telephone Number:** 1-800-424-9300
Address (Number, Street, Suite/Apt#) 101 Grobric Ct #1	**Telephone Number for Information:** 1-800-571-7347
(City, State, and Zip Code) Fairfield, CA 94534	**Signature of Prepare (Optional)** REGULATORY DEPT.

Section 2 ~ Hazard(s) Identification

Physical Hazards	Flammable Aerosols	Category 1		
Health Hazards Classification(s)	Acute Toxicity - Oral - Level 4	Warning	Carcinogenicity - Level 2	Warning
	Acute Toxicity - Dermal - Level 4	Warning	Toxic to Reproduction - Level 2	Warning
	Acute Toxicity - Inhalation - Level 4	Warning	Aspiration Hazard - Level 2	Warning
	Skin Corrosion/Irritation -Level 3	Warning		

Label elements

WARNING: DANGER.

Hazard Statement

Eyes: Slightly irritating but does not injure eye tissue. ***Skin:*** Low order of toxicity. Frequent or prolonged contact may irritate and cause dermatitis. Skin contact may aggravate an existing dermatitis condition. ***Inhalation:*** High vapor/aerosol concentrations (greater than approximately 100ppm) are irritating to the eyes and the respiratory tract, may cause headaches, dizziness, anesthesia, drowsiness, unconsciousness and other central nervous system effects, including death. *Ingestion* Small amounts of this product aspirated into the respiratory system during ingestion or vomiting may cause mild to severe pulmonary injury, possibly minimal toxicity

Physical Hazard Precautionary Statement

Extremely flammable aerosol. 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. Protect from sunlight. Do not expose to temperatures exceeding 50°C /122°F.

Response

Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Avoid breathing dust/fume/gas/mist/vapors/spray. Wash hands and exposed areas 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. Use personal protective equipment as required. ***Eyes:*** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If exposed or concerned: Get medical advice/attention. ***Skin:*** Wash with plenty of water. ***Inhalation:*** Remove person to fresh air and keep comfortable for breathing. ***Ingestion***: Immediately call a POISON CENTER/doctor/physician. Call a POISON CENTER/doctor if you feel unwell.
If exposed or concerned: Get medical advice/attention. See Section 12 if specific treatment is applicable. Do NOT induce vomiting. If skin irritation occurs: Get medical advice/attention. If eye irritation persists: Get medical advice/attention. Wash contaminated clothing before reuse.

Storage

Store locked up.

Disposal

Dispose of contents/container in accordance with local regulations.

Section 3 ~ Composition/Information on Ingredients

Components (Specific Chemical Identity, Common Name(s))	CAS No.	PEL	TLV	%(Wt.)
Hydrocarbon Propellant	68476-86-8	No Data	No Data	-
Aliphatic Hydrocarbon *	110-54-3	500 ppm	50 ppm	-
Styrene-Isoprene Block	025038-32-8	Not hazardous under	Not hazardous under	-
Aromatic Hydrocarbon *	108-88-3	TWA of 100 (375	TWA of 50 ppm (147 mg/m3)	-
Poly (Butadiene-Co-Styrene)	9003-55-8	Not Established	Not Established	-
Xylene	1330-20-7	100 ppm	100 ppm	-
Inorganic Metal Oxide	7631-86-9	80.00 mg/m3	10.00 mg/m3	-
Titanium Dioxide	13463-67-7	10 mg/m3	10 mg/m3	-

Specific chemical identity and exact percentages are withheld as Trade Secret.
If applicable, IARL, NPT and OSHA carcinogens and chemicals subject to the reporting requirements of SARA Title III, Section 313 are identified above with an "*"

Section 4 ~ First Aid Measures

General information— This material is an aspiration hazard and defats the skin. Breathing vapors of high concentrations may cause CNS depression.
Eyes — Flush eyes with large amounts of water until irritation subsides. If irritation persists, get medical attention.
Skin — Flush with large amounts of water; use soap if available. Remove grossly contaminated clothing, including shoes and launder before reuse.
Inhalation — Using proper respiratory protection, immediately remove the affected victim from exposure. Administer artificial respiration if breathing is stopped. Keep at rest. Call for prompt medical attention.
Ingestion —If swallowed, DO NOT induce vomiting. Keep at rest. Get prompt medical attention.
Special Precautions: Health studies have shown that many hydrocarbons pose potential human health risks which may vary from person to person. As a precaution, exposure to liquids, vapors, mists or fumes should be minimized.
Personal Protection: For open systems where contact is likely, wear safety glasses with side shields, long sleeves, and chemical resistant gloves. Where concentrations in air may exceed the limits, work practice or other means of exposure reduction are not adequate, NIOSH/MSHA approved respirators may be necessary to prevent overexposure by inhalation.
Ventilation: The use of mechanical dilution ventilation is recommended whenever this product is used in a confined space, is heated above ambient temperatures, or is agitated.

Section 5 ~ Fire Fighting Measures

Extinguishing Media — Dry Chemical. CO2. Halogenated Extinguishing Agent. Stop Gas Flow.

Fire And Explosion Hazards — This product releases Flammable Vapors at well below ambient temperatures and readily forms flammable mixtures with air exposed to an ignition source. It will burn in the open or be explosive in confined spaces. Its vapors are heavier than air and may travel long distances to a point of ignition, and then flash back. Alkaline/chlorine gas mixtures have produced explosions.

Special Firefighting Procedures — Gas fires should not be extinguished unless the gas flow can be stopped immediately. Allow the fire to burn itself out. If the source cannot be shut off immediately, all equipment and surfaces exposed to the fire should be cooled with water to prevent over-heating flash-backs, or explosions. Control fire until gas supply can be shut off. Use

proper protective equipment. Use fresh air respirator when exposure to hazardous concentrations of toxic gases is possible flash-backs, or explosions. Control fire until gas supply can be shut off. Use proper protective equipment. Use fresh air respirator when exposure to hazardous concentrations of toxic gases is possible.

Fire Fighting — Use water spray to cool fire exposed surfaces and to protect personnel. Isolate "fuel" supply from fire. Use foam, dry chemical, or water spray to extinguish fire. Avoid spraying water directly into storage containers due to danger of boiling over. This liquid is volatile and gives off invisible vapors. Either the liquid or vapor may settle in low areas or travel some distance along the ground or surface to ignition sources where they may ignite or explode.

Section 6 ~ Accidental Release Measures

Steps To Be Taken In Case Container Is Punctured And Material Is Released — Clean up area by mopping or with absorbent materials and place in closed container for disposal. Consult Federal, State, and local disposal authorities.
Waste Disposal Method — Consult local authorities for proper waste disposal procedures. Empty de-pressurized containers cannot be reused. Cans which are pressurized or contain liquid must be disposed of in a permitted waste management facility. Consult Federal, State, and local disposal authorities for approved procedures.

Section 7 ~ Handling and Storage

Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Avoid breathing dust/fume/gas/mist/vapors/spray. Wash hands and exposed areas thoroughly after handling. Do no 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. Use personal protective equipment as required.
If in Eyes – Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If exposed or concerned: Get medical advice/attention. Call a POISON CENTER/doctor/physician if you feel unwell.
If on Skin – Wash with plenty of water.
If Inhaled – Remove person to fresh air and keep comfortable for breathing.
If Swallowed – Immediately call a POISON CENTER/doctor/physician. Call a POISON CENTER/doctor if you feel unwell.

Section 8 ~ Exposure Controls/Personal Protection

Appropriate engineering controls – Use adequate level exhaust ventilation. Note: Where carbon monoxide may be generated, special ventilation may be required. Local exhaust recommended when appropriate to control employee exposure.

Respiratory Protection– Based on contamination level and working limits of the respirator, use a respirator approved by NIOSH/MSHA. In situations where vapor concentrations exceed the recommended exposure limits, a NIOSH approved organic vapor cartridge or air-supplying respirator should be worn.

Eye/face protection– Face shield and goggles or chemical goggles should be worn.

Skin Protection Other– Standard work clothing. Standard work shoes; discard if shoes can not be decontaminated. Store contaminated clothing in well ventilated cabinets or closed containers. Wash contaminated clothing and dry before reuse.

Hand Protection– Impervious gloves should be worn. Gloves contaminated with the product should be discarded. Polyfluorinated polyethylene has been suggested.

Section 9 ~ Physical Chemical Properties

Boiling Point	N/D	**Specific Gravity**	Liquid: .85
Vapor Pressure	N/D	**Melting/Freezing Point**	-
Vapor Density	Heavier than air	**Evaporation Rate (Butyl Acetate = 1)**	-
Solubility in Water	NIL	**pH**	-
Appearance and Odor— Gray rubberized coating spray.		**VOC%**	Carb Compliant NFP MIR <1.4
Flash Point (CCP): LVL 3 Aerosol, Propellant: -136°C	**Auto - Ignition Temperature:** N/A	**Lower Flammability Level:** N/A	**Upper Flammability Level:** N/A

Section 10 ~ Stability and Reactivity

Stability: **Unstable** ☐ **Stable** ☒	**Conditions to Avoid** – Temperatures above 130°F.	**Hazardous Polymerization:** **May Occur** ☐ **Will Not Occur** ☒	
Incompatibility (Materials to Avoid) – Strong oxidizing agents.		**Hazardous Decomposition or Byproducts** – None.	

Section 11 ~ Toxicological Information

Aliphatic Hydrocarbon * 110-54-3

Acute oral toxicity:
LD 50 Rat: 25 g/kg
Acute inhalation toxicity:
LC 50 Rat: 48000 ppm, 4 hours
Acute dermal toxicity:
LD 50 Rabbit: > 1.3 g/kg

Aromatic Hydrocarbon * 108-88-3

Acute oral toxicity:
LD 50 Rat: 2,600 - 7,500 mg/kg
Acute inhalation toxicity:
LC 50 Rat: 8000 ppm, 4 h
Acute dermal toxicity:
LD 50 Rabbit: 12,124 mg/kg

Xylene 1330-20-7

TWA: 100 ppm

TLV: 100 ppm

Methyl Acetate 79-20-9

Not listed on Section 3

Section 12 ~ Ecological Information

Aromatic Hydrocarbon * 108-88-3

Bioaccumulation

Species: Ide, silver or golden orfe (Leuciscus idus)
Exposure time: 3 d
Dose: 0.05 mg/l
Bioconcentration factor (BCF): 94
Method: Not reported

Ecotoxicity effects

Toxicity to fish

96 h LC 50 Rainbow trout, donaldson trout (Oncorhynchus mykiss): 5.80 mg/l
Method: Renewal, Mortality
96 h LC 50 Fathead minnow (Pimephalespromelas): 12.60 mg/l
Method: Static Mortality

Toxicity to daphnia and other aquatic invertebrates.

48 h EC 50 Water flea (Daphnia magna): 6.00 mg/l
Method: Static, Intoxication

Xylene 1330-20-7

This product is a mobile liquid. This product is non biodegradable. It does not accumulate or biomagnify in the environment.

If applicable, IARL, NPT and OSHA carcinogens and chemicals subject to the reporting requirements of SARA Title III, Section 313 are identified in Section III with an "*". Additional ecological information is Not Determined.

Section 13 ~ Disposal Considerations

Waste Disposal Method – Consult local authorities for proper waste disposal procedures. Empty de-pressurized containers can not be reused. Cans which are pressurized or contain liquid must be disposed of in a permitted waste management facility. Consult Federal, State, and local disposal authorities for approved procedures.

Section 14 ~ Transport Information

US Depart. of Transportation (DOT)		Water Transportation (IMDG)		Air Transportation (IATA)	
Proper Shipping Name:	Aerosols, Flammable, (each not exceeding 1Lcapacity) Limited Quantity	Proper Shipping Name:	-	Proper Shipping Name:	-
Hazard Class:	2.1	Hazard Class:	-	Hazard Class:	-
UN Number:	UN1950	UN Number:	-	UN Number:	-
Packing exceptions:	-	Packing exceptions:	-	Packing exceptions:	-
Labels:	-	Label Statement:	-	Label Statement:	-

Special precautions for user: Read safety instructions, SDS and emergency procedures before handling. Read safety instructions, SDS and emergency procedures before handling.

Section 15 ~ Regulatory Information

See Section 3

Section 16 ~ Other Information

Disclaimer: The above information is based on the data of which we are aware and is believed to be correct as of the date hereof. Since the information contained herein may be applied under conditions beyond our control and with which we may be unfamiliar and since data made available subsequent to the date hereof may suggest modification of the information, we do not assume any responsibility for the results of its use. This information is furnished upon condition that the person receiving it shall make his own determination of the suitability of the material for his particular purpose.