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) **B4034 No Mess Anti-Seize**	**Date Prepared:** 05-11-2015
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

Classification Not hazardous in accordance with OSHA Haz. Com. Standard 29 CFR 1910.1200

Hazard Phases Gases under pressure.

Precautionary Phrases Keep out of reach of children. Pressurized container; Do not pierce or burn, even after use.

Label elements  *Signal Word:* Warning

Response If on skin: Wash with soap and water. If swallowed: Rinse mouth. DO NOT induce vomiting.

Storage Store at temperatures not exceeding 122°F (50°C)

Disposal Disposal of in accordance with local, State and Federal regulations.

Other Hazards None

Section 3 ~ Composition/Information on Ingredients

Components (Specific Chemical Identity, Common Name(s))	CAS No.	OSHA PEL	ACGIH TLV	%(Wt.)
Synthetic Base Oil	NJTSRN#12-01	5mg/m3 TWA	5 mg/m3 TWA (inhalable)	50 – 70
Distillates (petroleum), hydrotreated heavy naphthenic	64742-52-5	5mg/m3 TWA	5 mg/m3 TWA (inhalable)	15 – 30
Graphite	7782-42-5	15 mg/m3 TWA (total dust) 5 mg/m3 TWA (respirable fraction)	2 mg/m3 TWA (respirable)	10 – 20
Aluminum	7429-90-5	15 mg/m3 TWA (total dust) 5 mg/m3 TWA (respirable fraction)	1 mg/m3 (TWA (respirable)	10 – 20
Rust Inhibitor	Trade Secret	N/E	N/E	1 – 3

The specific identity and/or exact percentage of composition has been withheld as a trade secret. The propellant in this product does not discharge when the product is used.

Section 4 ~ First Aid Measures

Eyes — Flush eyes with water, holding the eyelids apart. Get medical attention if irritation develops or persists.
Skin— Wash thoroughly with plenty of water. Get medical attention if irritation persists.
Inhalation — Remove to fresh air and keep comfortable for breathing. If irritation occurs, get medical attention.
Ingestion — If large amounts ingested, seek medical attention.

Most Important Symptoms/Effects, Acute And Delayed — None known.
Indication Of Immediate Medical Attention And Special Treatment Needed — Immediate medical attention generally not required.

Section 5 ~ Fire Fighting Measures

Suitable and Unsuitable Extinguishing Media – use water spray or fog, foam, carbon dioxide or dry chemical.
Specific hazards arising from the chemical – This compound will not burn unless it is pre-heated. Water fog may be used to cool the containers but do not spray directly into large containers of burning liquids as frothing may occur. Dense smoke and noxious or toxic fumes may be generated in a fire. The thermal decomposition products are highly dependent upon the combustion conditions. Noxious or toxic fumes may be generated, some of which may be toxic or irritating.
Special protective equipment and precautions for firefighters – Wear NIOSH approved positive pressure, self-contained breathing apparatus and full protective clothing. Cool fire exposed containers with water.

Section 6 ~ Accidental Release Measures

Personal Precautions, Protective Equipment And Emergency Procedures – Wear appropriate personal protective equipment. Use caution: Slip hazard.
Methods And Materials For Containment And Cleaning Up – Because of its viscous nature, this product is not expected to leak or spill. Collect liquid spill with an inert absorbent material and place into a suitable container for disposal. Clean area thoroughly with mineral spirits.
Environmental Precautions – Report spills and releases as required to appropriate authorities.

Section 7 ~ Handling and Storage

Precautions For Safe Handling – Avoid contact with eyes. Avoid prolonged skin contact DO not transfer to unlabeled containers. Do not puncture or incinerate empty containers.

Conditions for safe storage, including any incompatibilities – Store away from extreme heat and open flames. Store away from oxidizers.

Section 8 ~ Exposure Controls/Personal Protection

Appropriate engineering controls – Use with adequate general or local exhaust ventilation to maintain exposure levels below the exposure limits. If the product is used at high temperatures, local exhaust ventilation may be required.

Respiratory Protection – In operations where the occupational exposure limits are exceeded, a NIOSH approved respirator with organic vapor/particulate cartridges or supplied air respirator appropriate for the form and concentration of the contaminants should be used. Selection and use of respiratory equipment must be in accordance with OSHA 1910.134 and good industrial hygiene practice.

Skin Protection Other – Impervious gloves such as rubber or nitrile recommended where needed to avoid prolonged skin contact.

Eye/face protection – Safety glasses or goggles recommended where needed to avoid eye contact.

Section 9 ~ Physical Chemical Properties

Boiling Point	> 500°F	**Specific Gravity**	1.05
Vapor Pressure	-	**Melting/Freezing Point**	N/A
Vapor Density (Air=1)	N/A	**Evaporation Rate (Butyl Acetate = 1)**	N/A
Solubility in Water	Not soluble	**pH**	N/A
Appearance and Odor— Aluminum colored paste with slight odor.		**VOC**	N/a
Flash Point (Method Used): > 300°F	**Auto - Ignition Temperature: N/A**	**Lower Flammability Level:** N/E	**Upper Flammability Level:** N/E

Section 10 ~ Stability and Reactivity

Chemical Stability: Stable under normal storage and handling conditions.	**Conditions to Avoid** – Use with strong oxidizing chemicals such as concentrated acids.	**Possibility of Hazardous Reactions:** None known

Incompatibility (Materials to Avoid) – –Strong oxidizing agents and acids.
Hazardous Decomposition or Byproducts – The thermal decomposition products are highly dependent upon the combustion conditions. Noxious or toxic fumes may be generated, some of which may be toxic or irritating.
Reactivity – Not reactive under normal conditions of use.

Section 11 ~ Toxicological Information

Potential Health Effects:
Eyes – May cause mild irritation.
Skin – Prolonged contact may cause irritation and drying of the skin.
Inhalation – No adverse effects expected at ambient temperatures. Inhalation of vapors and fumes from thermal decomposition may cause respiratory irritation and metal fume fever with symptoms of fever and chills.
Ingestion – Swallowing may cause gastrointestinal irritation, nausea, vomiting, diarrhea.
Chronic Hazards – Prolonged inhalation of thermal decomposition products may result in lung damage.
Carcinogen Status – None of the components of this product are listed as carcinogens by IARC, NTP or OSHA.

Acute Toxicity Values:

Graphite	Oral rat LD50 > 2000 mg/kg	Inhalation rat LC50 > 2 mg/L
Aluminum	Oral rat LD50 > 15900 mg/kg	Inhalation rat LC50 > 0.888 mg/L
Distillates (petroleum), hydrotreated heavy naphthenic	Oral rat LD50 > mg/kg	Inhalation rat LC50 2.18 mg/L, Dermal rabbit LD50 > 2000 mg/kg

Section 12 ~ Ecological Information

Ecotoxicity:

Graphite	Danio rerio	LC 50> 100 mg/L/96hr
Aluminum	Lepomis cyanellus	NOEC > 50 mg/L/96hr
Distillates (petroleum), hydrotreated heavy naphthenic	Pimephales promelas	LL50 > 100 mg/L/96hr

Persistence and Degradability: No data available **Bioaccumulative Potential:** No data available **Mobility in soi**l: No data available **Other Adverse Effects:** None known.

Section 13 ~ Disposal Considerations

Dispose in accordance with all local, regional and national regulations.

Section 14 ~ Transport Information

US Depart. of Transportation (DOT)		Water Transportation (IMDG)		Air Transportation (IATA)	
Proper Shipping Name:	Aerosols	Proper Shipping Name:	Aerosols	Proper Shipping Name:	Aerosols, non-flammable
Hazard Class:	2.2	Hazard Class:	2.2	Hazard Class:	2.2
UN Number:	UN 1950	UN Number:	UN 1950	UN Number:	UN 1950
Packing Group:	None	Packing Group:	None	Packing Group:	None

Section 15 ~ Regulatory Information

Safety, health and environmental regulations specific for the product in question.
CERCLA Hazardous Substances (Section 103/RQ: This product is not subject to reporting requirements under CERCLA. However, many sates have more stringent release reporting requirements. Report spills required under Federal, State and local regulation.
SARA Hazard Category (311/312): Not Hazardous.
SARA 313: This product contains the following chemicals regulated under SARA Title III, section 313: Aluminum, 10 -20%
EPA TSCA Inventory: All of the components of this product are listed on the TSCA inventory.
California Proposition 65: This product is not known to contain listed chemcials.

Section 16 ~ Other Information

	NFPA	HMIS	Key
HEALTH	-	-	4= Severe
FLAMMABILITY	-	-	3= Serious
REACTIVITY	-	-	2= Moderate
OTHER/PROTECTION	-	-	1= Slight
			0= Minimal