

Safety Data Sheet

**Section 1: Identification**

Product Name	Hasco Forge Sticks
Relevant identified uses of the substance or mixture	
Recommended use	Forging Compound
Details of the supplier of the safety data sheet	
Manufacturer	Hasco Oil Company Inc. 2800 Temple Ave Long Beach, CA 90806 United States www.hascooil.com
Telephone(General)	(562) 595-8491
Emergency telephone number	
Manufacturer	1 (800) 424-9300 - Chemtrec USA

Section 2: Hazard Identification**UN GHS**

According to: UN Globally Harmonized System of Classification and Labelling of Chemicals (GHS)

Classification of the substance or mixture

UN GHS Eye Irritation 2B

Label elements

UN GHS None Required

Signal Word: **WARNING****Hazard statements** Causes eye irritation**Precautionary statements****Prevention** Wear protective gloves/protective clothing/eye protection/face protection.
Wash thoroughly after handling**Response** If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy. If eye irritation persists: Get medical advice / attention.**Other hazards**

UN GHS No data available

Other information

NFPA



Section 3 - Composition/Information on Ingredients

Substances

Composition		
Chemical Name	Identifiers	%
Polymer	CAS: Proprietary	10% - 20%
Graphite, Synthetic	CAS: 7782-42-5	10% - 20%
Polymer	CAS: Proprietary	20% - 30%

Section 4: First-Aid Measures

Description of first aid measures

Inhalation	If inhaled, remove to fresh air. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. Get medical attention.
Skin	After contact with skin, immediately flush skin with plenty of water for at least 15 minutes. Take off immediately all contaminated clothing and shoes and wash immediately before reuse. Get medical attention if irritation develops.
Eye	Get medical attention if irritation develops. If contact with eyes directly, immediately flush eyes with plenty of water for at least 15 minutes.
Ingestion	Do not give anything by mouth to an unconscious person. Do NOT induce vomiting. Get medical attention.

Most important symptoms and effects, both acute and delayed: No data available

Section 5: Fire-Fighting Measures

Extinguishing media

Suitable Extinguishing Media	Use dry chemical, CO ₂ , water spray (fog) or foam.
Unsuitable Extinguishing Media	Do not use water jet.
Firefighting Procedures	Keep unauthorized personnel away.

Special hazards arising from the substance or mixture

Unusual Fire and Explosion Hazards	Non-combustible, substance itself does not burn but may decompose upon heating to produce corrosive and/or toxic fumes.
Hazardous Combustion Products	Combustion products may include the following: metal oxide/oxides, carbon oxides (carbon monoxide, carbon dioxide)

Advice for firefighters

Wear positive pressure self-contained breathing apparatus (SCBA). Fire fighters should wear complete protective clothing including self-contained breathing apparatus.

Other information

In a fire or if heated, a pressure increase will occur and the container may burst.

Section 6 - Accidental Release Measures

Personal precautions, protective equipment and emergency procedures

Personal Precautions

Do not walk through spilled material. Immediately contact emergency personnel. Keep unnecessary personnel away. Use suitable protective equipment (see: Section: "Exposure controls/personnel protection"). Follow all firefighting procedures (see Section: "Fire-fighting measures").

Emergency Procedures

No emergency procedures are expected to be necessary if material is used under ordinary conditions as recommended.

Environmental precautions

Avoid spilled material from reaching run off to waterways and sewers. Avoid contact of spilled material with soil.

Methods and material for containment and cleaning up

Containment/Clean-up Measures

SPILLS: Material is solid at room temperature and will not leak or spill. Sweep up any collection of broken sticks to avoid contamination of surrounding areas. Prevent particles from entering sewers, water courses, basements or confined areas. Place in container for disposal according to local regulations (see section 13). Dispose of via a licensed waste disposal contractor.

Section 7 - Handling and Storage

Precautions for safe handling

Handling

Avoid contact with skin and clothing. Avoid contact with eyes. Use only with adequate ventilation. In accordance with good industrial hygiene and safety work practices, airborne exposures should be controlled to the lowest extent practicable. Wash thoroughly after handling.

Conditions for safe storage, including any incompatibilities

Storage

Store in accordance with local regulations. Store away from direct sunlight in a dry, cool and well ventilated area, away from incompatible materials (see section 10). Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination.

Section 8 - Exposure Controls/Personal Protection

Control parameters

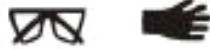
Exposure controls

Engineering Measures/Controls

No data available

Personal Protective Equipment

Pictograms



Respiratory

Use only in adequate ventilation. In accordance with good industrial hygiene and safety work practices, airborne exposures should be controlled to the lowest extent practicable.

Eye/Face

Wear protective gloves/protective clothing/eye protection/face protection. Wear safety glasses. Avoid contact with eyes.

Hands

Wear protective gloves.

Skin/Body

Wear protective gloves/protective clothing/eye protection/face protection.

General Industrial Hygiene Considerations

Wash hands, forearms and face thoroughly after handling chemical products before eating, smoking and using the lavatory and at the end of the working period.

Environmental Exposure

No data available

Controls

Section 9 - Physical and Chemical Properties

Information on Physical and Chemical Properties

Material Description			
Physical Form	Solid at room temperature	Appearance/Description	Black Waxy Solid
Color	Black.	Odor	Mild
Taste	Not relevant	Particulate Type	Not relevant
Particulate Size	Not relevant	Aerosol Type	Not relevant
Odor Threshold	Not relevant		
General Properties			
Boiling Point	No Data Available	Melting Point	Softens at temperatures > 140F
Decomposition Temperature	No Data Available	Heat of Decomposition	No Data Available
pH	Not relevant	Specific Gravity/Relative Density	~1.20 @ 60 F(15.5 C)
Density	~ 10.0 pounds per gallon	Bulk Density	No Data Available
Water Solubility	Insoluble	Solvent Solubility	Soluble
Viscosity	Not relevant	Explosive Properties	Not relevant
Volatility			
Vapor Pressure	No Data Available	Vapor Density	No Data Available
Evaporation Rate	No Data Available	VOC (Wt.)	No Data Available
VOC (Vol.)	No Data Available	Volatiles (Wt.)	No Data Available
Volatiles (Vol.)	No Data Available		

Flammability			
Flash Point	No Data Available	UEL	No Data Available
LEL	No Data Available	Flame Duration	No Data Available
Burning Time	No Data Available	Flame Height	No Data Available
Flame Extension	No Data Available	Ignition Distance	No Data Available
Self-Accelerating Decomposition Temperature (SADT)	No Data Available	Autoignition	No Data Available
Burning Rate Test	No Data Available	Flammability (solid, gas)	No Data Available
Environmental			
Half-Life	Not relevant	Octanol/Water Partition coefficient	Not relevant
Coefficient of water/oil distribution	Not relevant	Bioaccumulation Factor	Not relevant
Bioconcentration Factor	Not relevant	Biochemical Oxygen Demand BOD/BOD5	Not relevant
Chemical Oxygen Demand	Not relevant	Persistence	Not relevant

Section 10: Stability and Reactivity

Reactivity	No dangerous reaction known under conditions of normal use.
Chemical stability	Stable
Possibility of hazardous reactions	Hazardous polymerization will not occur.
Conditions to avoid	No Data Available
Incompatible materials	Strong oxidizers
Hazardous decomposition products	No Data Available

Section 11 - Toxicological Information

Information on toxicological effects

Other Material Information No Data Available

GHS Properties	Classification
Acute toxicity	UN GHS •
Aspiration Hazard	UN GHS •
Carcinogenicity	UN GHS •
Germ Cell Mutagenicity	UN GHS •
Skin corrosion/Irritation	UN GHS •
Skin sensitization	UN GHS •
STOT-RE	UN GHS •
STOT-SE	UN GHS •
Toxicity for Reproduction	UN GHS •
Respiratory sensitization	UN GHS •
Serious eye damage/Irritation	UN GHS • Eye Irritation 2B

Potential Health Effects

Inhalation

Acute (Immediate) No data available
Chronic (Delayed) No data available

Skin

Acute (Immediate) Causes skin irritation.
Chronic (Delayed) No data available

Eye

Acute (Immediate) Causes eye irritation.
Chronic (Delayed) No data available

Ingestion

Acute (Immediate) No data available
Chronic (Delayed) No data available

Other information No data available

Section 12 - Ecological Information

Toxicity No data available
Persistence and degradability No data available
Bioaccumulative potential No data available
Mobility in Soil No data available
Other adverse effects
Ecological Fate No data available

Section 13 - Disposal Considerations

Waste treatment methods

Product waste Avoid contact of spilled material with soil and surface waterways. Consult an environmental professional to determine if local, regional or national regulations would classify spilled or contaminated materials as hazardous waste. Use only approved transporters, recyclers, treatment, storage or disposal facilities. Dispose of in accordance with all applicable local and national regulations.
Packaging waste No data available

Section 14 - Transport Information

	UN number	UN proper shipping name	Transport hazard class	Packing group	Environmental hazards
DOT		Not regulated			
IMO/IMDG		Not regulated			
IATA/ICAO		Not regulated			

Special precautions for user No data available
Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code No data available
Other information

Section 15 - Regulatory Information

Safety, health and environmental regulations/legislation specific for the substance or mixture

SARA Hazard Classifications No data available

TSCA Inventory: All the components of this product are listed on, or are automatically included as 'natural occurring chemical substances on, or are exempted from the requirements to be listed on the TSCA inventory.

CALIFORNIA PROPOSITION 65: This product contains a chemical known to the State of California to cause cancer, birth defects, or other reproductive harm.

This product contains materials on the New Jersey Worker and Community Right-to-Know Act

This product contains materials on the Massachusetts Right-to-Know Act substance list.

This product contains materials on the Pennsylvania Right-to-Know Act hazardous substance list.

Section 16 - Other Information

Last Revision Date Revision 1

Preparation Date April 22, 2016

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