

(10923)



Houghton International Inc.

Revision Date : 07/15/2013

# Material Safety Data Sheet STA-PUT 350

HOUGHTON

## 1. Chemical Product and Company Identification

Product Name	STA-PUT 350	FAX	(610) 666-1376
Company Name	Houghton International Inc. Madison & Van Buren Aves Valley Forge, PA 19482	Customer Service	(888) 459-9844
Website	www.houghtonintl.com	Product Use	Lubricant
Telephone	(610) 666-4000		
Emergency Phone Number	3E Company: 1-866-519-4752 (USA, Canada, Mexico)		
Company Access Code	333938		

**APPROVED MATERIAL**

JAN 27 2014

MSDS # 10923

APPROVED BY *[Signature]*

## 2. Hazardous Ingredients

Component	Cas No	% by Weight	Hazards
Mineral Oil	64742-52-5 64742-65-0	60-100	TLV: 5 mg/m <sup>3</sup> as oil mist PEL: 5 mg/m <sup>3</sup> as oil mist STEL: 10 mg/m <sup>3</sup> as oil mist Other:

N/E - Not Established; N/A - Not Applicable; Mfr - Manufacturer Recommendation  
TLV, STEL - ACGIH; PEL - OSHA

## 3. Hazards Identification

Primary Entry Routes      EYES, SKIN, INHALATION

### Acute Effects

Inhalation	INHALATION OF MISTS MAY CAUSE IRRITATION OF THE UPPER RESPIRATORY TRACT.
Eye	MAY CAUSE MILD EYE IRRITATION.
Skin	PROLONGED OR REPEATED SKIN CONTACT MAY CAUSE IRRITATION.
Ingestion	INGESTION MAY CAUSE NAUSEA OR DISCOMFORT. ASPIRATION MAY CAUSE LUNG DAMAGE.

**Material Safety Data Sheet  
STA-PUT 350****3. Hazards Identification - continued**

Carcinogenicity	THIS PRODUCT DOES NOT CONTAIN ANY COMPONENT REPORTABLE AS A CARCINOGEN UNDER 29 CFR 1910.1200.
Medical Conditions Aggravated by LongTerm Exposure	PRE-EXISTING SKIN AND RESPIRATORY CONDITIONS MAY BE AGGRAVATED BY EXPOSURE.
Chronic Effects	SEE EFFECTS ABOVE.
HMIS:	
Health	1
Flammability	1
Physical Hazard	0

\* indicates that there may be chronic health effects present

**4. First Aid Measures**

Inhalation	IF INHALED, REMOVE TO A SOURCE OF FRESH AIR.
Eye Contact	FLUSH EYES WITH WATER FOR 15 MINUTES. CONSULT PHYSICIAN.
Skin Contact	WASH SKIN WITH SOAP AND WATER. REMOVE CONTAMINATED CLOTHING AND LAUNDRER BEFORE REUSING. CONSULT PHYSICIAN IF IRRITATION PERSISTS.
Ingestion	IF INGESTED, DO NOT INDUCE VOMITING! CONSULT PHYSICIAN.
Note to Physicians	NO SPECIFIC ANTIDOTE KNOWN. BASED ON INDIVIDUAL REACTIONS OF THE PATIENT, THE PHYSICIAN'S JUDGMENT SHOULD BE USED TO CONTROL SYMPTOMS AND CLINICAL CONDITIONS.

N/A - Not Applicable

**5. Fire Fighting Measures**

Flash Point	442°F/ 228°C
Method Used	CLEVELAND OPEN CUP
Autoignition Temperature	N/D



# Material Safety Data Sheet STA-PUT 350

HOUGHTON

## 5. Fire Fighting Measures - continued

LEL N/D

UEL N/D

Extinguishing Media USE CARBON DIOXIDE, DRY CHEMICAL OR FOAM. USE WATER TO COOL CONTAINERS EXPOSED TO FIRE.

Unusual Fire or Explosion Hazards PRODUCT FLOATS ON WATER CREATING A POTENTIAL FLOATING FIRE HAZARD.

Fire Fighting Instructions WEAR PROTECTIVE GEAR DURING FIREFIGHTING. DO NOT DIRECT A SOLID STREAM OF WATER INTO BURNING POOLS. THIS MAY CAUSE FROTHING AND INCREASE FIRE INTENSITY.

### NFPA:

Health 1

Flammability 1

Reactivity 0

Special N/A

N/A - Not Applicable; ND - Not Determined; > - Greater Than; < - Less Than

## 6. Accidental Release Measures

Spill or Release Procedures APPLY DRY ABSORBENT MATERIAL AND SWEEP UP THOROUGHLY.

## 7. Handling and Storage

Handling Precautions USE WITH ADEQUATE VENTILATION. AVOID CONTACT WITH EYES, SKIN AND CLOTHING. WASH THOROUGHLY AFTER HANDLING.

Storage Requirements STORE SEPARATELY FROM OXIDIZERS. KEEP CONTAINERS CLOSED WHEN NOT IN USE. STORE IN A COOL, DRY, WELL VENTILATED AREA. EMPTY CONTAINERS MAY CONTAIN HAZARDOUS VAPORS AND RESIDUE AND THEREFORE RETAIN ALL HAZARDS.



# Material Safety Data Sheet STA-PUT 350

HOUGHTON

## 8. Exposure Controls/Personal Protection

Engineering Controls	PROVIDE GENERAL AND/OR LOCAL EXHAUST VENTILATION TO MAINTAIN AIRBORNE CONCENTRATIONS BELOW THE EXPOSURE LIMITS IN SECTION 2.
Personal Protective Equipment	
Eye/Face Protection	WEAR SAFETY GOGGLES OR SAFETY GLASSES WITH SIDE SHIELDS.
Skin Protection	USE GLOVES AND LONG SLEEVES TO MINIMIZE SKIN EXPOSURE. USE APRON OR OVERALLS IF SPLASHING IS POSSIBLE.
Respiratory Protection	USE AN APPROVED RESPIRATOR (SEE 29 CFR 1910.134) IF APPLICABLE EXPOSURE LIMITS ARE EXCEEDED.
Other	EYEWASH AND SAFETY SHOWER RECOMMENDED.
Comments	USE OF GLOVES AND OTHER SKIN PROTECTION DEPENDS ON THE DURATION OF EXPOSURE AND THE TASK BEING PERFORMED. IF NECESSARY, USE CHEMICALLY RESISTANT GLOVES SUCH AS NEOPRENE, NITRILE OR EQUIVALENT MATERIALS.

Comments: Never eat, drink, or smoke in work areas. Practice good personal hygiene after using this material, especially before eating, drinking, smoking, or applying cosmetics.

## 9. Physical and Chemical Properties

Appearance	CLEAR, DARK AMBER LIQUID	Water Solubility	INSOLUBLE
Odor	BLAND	Boiling Point	> 350°F / 176°C
Vapor Pressure (mmHg)	N/D	Freezing/ Melting Point	N/D
Vapor Density (Air = 1)	N/D	Evaporation Rate (BuAc = 1)	< 1
Specific Gravity (Water = 1)	0.92		
pH (Neat)	N/A		

N/D - Not Determined; N/A - Not Applicable; > - Greater Than; < - Less Than



# Material Safety Data Sheet STA-PUT 350

HOUGHTON

## 10. Stability and Reactivity

Stability	THIS PRODUCT IS STABLE AT ROOM TEMPERATURE IN CLOSED CONTAINERS UNDER NORMAL STORAGE AND HANDLING CONDITIONS.
Chemical Incompatibilities	AVOID CONTACT WITH STRONG OXIDIZERS.
Hazardous Decomposition Products	THERMAL; OXIDES OF CARBON; TRACE AMOUNTS OF HYDROGEN CHLORIDE
Hazardous Polymerization	HAZARDOUS POLYMERIZATION WILL NOT OCCUR.

## 11. Toxicological Information

NO DATA AVAILABLE

## 12. Ecological Information

NO DATA AVAILABLE

## 13. Disposal Considerations

Disposal	FOLLOW PERTINENT REGULATIONS FOR DISPOSAL. IT IS THE RESPONSIBILITY OF THE PRODUCT USER TO DETERMINE, AT THE TIME OF DISPOSAL, WHETHER A MATERIAL CONTAINING THE PRODUCT OR DERIVED FROM THE PRODUCT SHOULD BE CLASSIFIED AS A HAZARDOUS WASTE. (40 CFR 261.20-24)
RCRA Hazardous Waste Number	N/A

## 14. Transportation Information

Proper Shipping Name	NOT HAZARDOUS UNDER DOT, AIR OR IMO REGULATIONS.
TDG	NOT REGULATED UNDER THE CANADIAN TRANSPORTATION OF DANGEROUS GOODS REGULATION.



# Material Safety Data Sheet STA-PUT 350

HOUGHTON

## 15. Regulatory Information

TSCA Section 8(b)	ALL OF THE COMPONENTS IN THIS PRODUCT ARE ON THE TSCA INVENTORY.
DSL	ALL OF THE COMPONENTS IN THIS PRODUCT ARE ON THE CANADIAN DSL. THIS PRODUCT HAS BEEN CLASSIFIED IN ACCORDANCE WITH THE HAZARD CRITERIA OF THE CPR AND THE MSDS CONTAINS ALL OF THE INFORMATION REQUIRED BY THE CPR.
CERCLA Reportable Quantity	NONE
SARA Title III, Section 313	THIS PRODUCT CONTAINS NO TOXIC CHEMICAL SUBJECT TO THE REPORTING REQUIREMENTS OF SECTION 313 OF TITLE III OF THE SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT OF 1986 AND 40 CFR PART 372.
SCAQMD	SCAQMD RULE 1144: THIS PRODUCT HAS NOT BEEN TESTED FOR COMPLIANCE WITH CALIFORNIA'S SCAQMD RULE 1144 AND THEREFORE CANNOT BE USED AS A METAL WORKING FLUID OR AS A DIRECT CONTACT LUBRICANT IN CALIFORNIA'S SCAQMD REGION AS PER RULE 1144.
Ozone Depleting Substances	THIS PRODUCT WAS NOT MANUFACTURED, DOES NOT CONTAIN, AND WAS NOT PACKAGED USING ANY CLASS I OR CLASS II OZONE DEPLETING SUBSTANCE AS DEFINED BY THE CLEAN AIR ACT.
WHMIS	NOT CONTROLLED

## 16. Other Information

Prepared By	BILL SHADE
Title	MANAGER, PRODUCT STEWARDSHIP
Telephone Number	(610) 666-4000

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**NATIONAL STEEL CAR LTD.  
WEST YARD RECEIVING  
600 KENILWORTH AVE. NORTH  
HAMILTON, ON L8N 3J4  
CA**

**ATTN : Material Safety Coordinator**

**Attached MSDS Sheets :  
12350000 - STA-PUT 350**

Enclosed you will find a Material Safety Data Sheet (MSDS) prepared to assist customers in recognizing the potential health or safety hazards, if any, associated with commercial use of a product and also to help assure proper handling, storage and disposal of the product. MSDSs also recommend appropriate safety guidelines dealing with accidental product leaks or spills in the workplace and outline workplace handling procedures for products.

Hazards identified by the MSDS may be reduced or avoided if employees and customers are informed, remain alert to their possible occurrence, and adhere to safe practices. All of your employees and customers who may come in contact with this product should be advised of this information. In addition, your customers should be requested to notify their appropriate employees and customers of the information. While MSDSs have proved invaluable in the hands of health and safety professionals as a tool for hazard evaluation of products in the confines of the workplace, caution must be exercised against direct extrapolation of MSDS hazard health data to the community environment, outside of the perimeter of the workplace, or use by the general public. For such purposes, safety, health, and environmental professionals should be consulted to interpret MSDS data for each specific situation.

This MSDS is intended for your use in meeting your requirements under OSHA's Hazard Communication Standard (29 CFR 1910.1200) and the Superfund Amendments and Reauthorization Act (SARA) Title III. If you do not purchase directly from Houghton International Inc., your supplier should provide the MSDS to you.

Under our computerized order entry system, a copy of the relevant MSDS will automatically be sent to you when you order the product from us at the time of shipment. If an MSDS is updated after your order is sent, we will forward the update with your next shipment of the same product.

Sincerely,  
Houghton International Inc.

Dan Sullivan, PhD  
Manager, Product Safety