



SAFETY DATA SHEET

RED C® 8x15 Billet

1. PRODUCT AND COMPANY IDENTIFICATION

Product Code: 1605100030
Product Name: RED C® 8x15 Billet
Trade Name: Utility Wax for Precision Investment Casting
Company Name: REMET CORPORATION **Phone Number:**
 210 Commons Road (315)797-8700
 Utica, NY 13502-6395

Web site address: www.remet.com
Email address: qc@remet.com
Emergency Contact: CHEMTREC (800)424-9300

2. HAZARDS IDENTIFICATION

GHS Hazard Phrases: No phrases apply.
GHS Precaution Phrases: 501 - This material is a solid at room temperature exhibiting elevated temperature softening characteristics. Above its softening point, the material liquefies and flows more readily as the temperature increases. The material is used as a hot liquid for application purposes and requires caution in handling. At elevated temperatures well above the softening point and in contact with air, the generation of hydrocarbon vapors including possible oxidized products may be expected.
GHS Response Phrases: No phrases apply.
GHS Storage and Disposal Phrases: No phrases apply.
OSHA Regulatory Status: This material is classified as not hazardous under OSHA regulations.
Potential Health Effects (Acute and Chronic): Chronic: Prolonged or repeated skin contact may cause dermatitis.
Inhalation: Inhalation of a mist of this material may cause respiratory tract irritation.
Skin Contact: Contact with heated material can cause skin burns and irritation.
Eye Contact: Vapors may cause eye irritation. Exposure to hot product may cause thermal burns.
Ingestion: May cause irritation of the digestive tract.

3. COMPOSITION/INFORMATION ON INGREDIENTS

CAS #	Hazardous Components (Chemical Name)	Concentration	
8002-74-2	Paraffin and Hydrocarbon Waxes	<65.0 %	
64742-16-1	Petroleum resins	15.0 %	
NA	Hydrocarbon Resins	<20.0 %	



4. FIRST AID MEASURES

Emergency and First Aid

Procedures:

In Case of Inhalation: Remove from exposure and move to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical aid.

In Case of Skin Contact: Get medical aid if irritation develops or persists. Flush skin with plenty of soap and water.

In Case of Eye Contact: Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical aid.

In Case of Ingestion: If victim is conscious and alert, give 2-4 cupfuls of milk or water. Get medical aid.

Note to Physician: Treat symptomatically and supportively.

5. FIRE FIGHTING MEASURES

Flash Pt: 232.00 C (449.6 F)

Explosive Limits: LEL: None Rep UEL: None Rep

Autoignition Pt: NP

Suitable Extinguishing Media: Use water spray, dry chemical, carbon dioxide, or chemical foam.

Fire Fighting Instructions: As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear. During a fire, irritating and highly toxic gases may be generated by thermal decomposition or combustion.

Flammable Properties and Hazards: No data available.

Hazardous Combustion Products: No data available.

6. ACCIDENTAL RELEASE MEASURES

Steps To Be Taken In Case Material Is Released Or Spilled: Use proper personal protective equipment as indicated in Section 8. Spills/Leaks: Clean up spills immediately, observing precautions in the Protective Equipment section. Sweep up or absorb material, then place into a suitable clean, dry, closed container for disposal.

7. HANDLING AND STORAGE

Precautions To Be Taken in Handling: Wash thoroughly after handling.

Precautions To Be Taken in Storing: Keep away from heat and flame. Store at 15°-30°C. Do not store above 35°C. Prolonged exposure to high temperatures may cause clumping. If clumping does occur, simply strike the bag to loosen material.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

CAS #	Partial Chemical Name	OSHA TWA	ACGIH TWA	Other Limits
8002-74-2	Paraffin and Hydrocarbon Waxes	No data.	TLV: 2 mg/m3	No data.
64742-16-1	Petroleum resins	No data.	No data.	No data.
NA	Hydrocarbon Resins	No data.	No data.	No data.



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Respiratory Equipment (Specify Type):	Follow the OSHA respirator regulations found in 29 CFR 1910.134 or European Standard EN 149. Use a NIOSH/MSHA or European Standard EN 149 approved respirator if exposure limits are exceeded or if irritation or other symptoms are experienced.
Eye Protection:	Wear safety glasses and chemical goggles if handling molten material.
Protective Gloves:	Wear heat resistant gloves, apron, and/or clothing for the handling of molten materials.
Other Protective Clothing:	Wear heat resistant gloves, apron, and/or clothing for the handling of molten materials.
Engineering Controls (Ventilation etc.):	Good general ventilation should be sufficient to control airborne levels. Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical States:	[] Gas [] Liquid [X] Solid
Appearance and Odor:	Appearance: White wax delivered in liquid form (molten) to. yellow. Odor: Waxy.
pH:	NA
Melting Point:	69.00 C (156.2 F) - 75.00 C (167.0 F)
Boiling Point:	370.00 C (698.0 F)
Flash Pt:	232.00 C (449.6 F)
Evaporation Rate:	0.01 (butyl)
Flammability (solid, gas):	No data available.
Explosive Limits:	LEL: None Rep UEL: None Rep
Vapor Pressure (vs. Air or mm Hg):	< 0.1
Vapor Density (vs. Air = 1):	NA
Specific Gravity (Water = 1):	1.03
Solubility in Water:	< 1%
Octanol/Water Partition Coefficient:	No data.
Autoignition Pt:	NP
Decomposition Temperature:	NA
Viscosity:	NA
Molecular Formula & Weight:	Not applicable 0.0

10. STABILITY AND REACTIVITY

Stability:	Unstable [] Stable [X]
Conditions To Avoid - Instability:	Incompatible materials.
Incompatibility - Materials To Avoid:	Strong oxidizers.
Hazardous Decomposition or Byproducts:	Carbon monoxide, Hazardous decomposition products formed under fire conditions.
Possibility of Hazardous Reactions:	Will occur [] Will not occur [X]
Conditions To Avoid - Hazardous Reactions:	No data available.



11. TOXICOLOGICAL INFORMATION

Toxicological Information: Epidemiology: No information found.
Teratogenicity: No information available. Reproductive Effects: Mutagenicity:
Neurotoxicity:

Carcinogenicity/Other Information: CAS# 8002-74-2: Not listed by ACGIH, IARC, NTP, or CA Prop 65.

Carcinogenicity: NTP? Unknown IARC Monographs? Unknown OSHA Regulated? No

CAS #	Hazardous Components (Chemical Name)	NTP	IARC	ACGIH	OSHA
8002-74-2	Paraffin and Hydrocarbon Waxes	n.a.	n.a.	n.a.	n.a.
64742-16-1	Petroleum resins	n.a.	n.a.	n.a.	n.a.
NA	Hydrocarbon Resins	n.a.	n.a.	n.a.	n.a.

12. ECOLOGICAL INFORMATION

No data available.

13. DISPOSAL CONSIDERATIONS

Waste Disposal Method: Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. US EPA guidelines for the classification determination are listed in 40 CFR Parts 261. Additionally, waste generators must consult state and local hazardous waste regulations to ensure complete and accurate classification.
RCRA P-Series: None listed.
RCRA U-Series: None listed.

14. TRANSPORT INFORMATION

LAND TRANSPORT (US DOT):

DOT Proper Shipping Name: Not Regulated.
DOT Hazard Class:
UN/NA Number:

LAND TRANSPORT (Canadian TDG):

TDG Shipping Name: Not Regulated.
UN Number:
Hazard Class: **TDG Classification:**

15. REGULATORY INFORMATION

EPA SARA (Superfund Amendments and Reauthorization Act of 1986) Lists

CAS #	Hazardous Components (Chemical Name)	S. 302 (EHS)	S. 304 RQ	S. 313 (TRI)
8002-74-2	Paraffin and Hydrocarbon Waxes	No	No	No
64742-16-1	Petroleum resins	No	No	No
NA	Hydrocarbon Resins	No	No	No

This material meets the EPA 'Hazard Categories' defined for SARA Title III Sections 311/312 as indicated:

<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	Acute (immediate) Health Hazard
<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	Chronic (delayed) Health Hazard
<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	Fire Hazard
<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	Sudden Release of Pressure Hazard
<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	Reactive Hazard

CAS #	Hazardous Components (Chemical Name)	Other US EPA or State Lists
8002-74-2	Paraffin and Hydrocarbon Waxes	TSCA: Yes - Inventory CA PROP.65: No CA TAC, Title 8: Title 8



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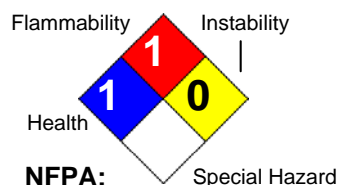
Revision: 05/21/2015
Supersedes Revision: 05/03/2010

		MA Oil/HazMat: No NJ EHS: Yes - 3414 NY Part 597: No PA HSL: Yes - 1
64742-16-1	Petroleum resins	TSCA: Yes - Inventory CA PROP.65: No CA TAC, Title 8: No MA Oil/HazMat: No NJ EHS: No NY Part 597: No PA HSL: No
NA	Hydrocarbon Resins	TSCA: Yes - Inventory CA PROP.65: No CA TAC, Title 8: No MA Oil/HazMat: No NJ EHS: No NY Part 597: No PA HSL: No
CAS #	Hazardous Components (Chemical Name)	International Regulatory Lists
8002-74-2	Paraffin and Hydrocarbon Waxes	Canadian NDSL: No Japan ENCS: Yes - (8)-414 Japan ISHL: No Korea ECL: Yes - KE-27782 Taiwan TCSCA: Yes Germany WHCS: Yes - 268 REACH: Yes - (R), (P)
64742-16-1	Petroleum resins	Canadian NDSL: No Japan ENCS: Yes - (6)-970 Japan ISHL: No Korea ECL: Yes - KE-28196 Taiwan TCSCA: Yes Germany WHCS: No REACH: Yes - (P)
NA	Hydrocarbon Resins	Canadian NDSL: No Japan ENCS: Yes Japan ISHL: No Korea ECL: Yes Taiwan TCSCA: Yes Germany WHCS: No REACH: Yes - (P)

16. OTHER INFORMATION

Revision Date: 05/21/2015
Preparer Name: Joseph Stanco

Hazard Rating System:



Additional Information About No data available.

This Product:

Company Policy or The information provided in this Safety Data Sheet is correct to the best of our



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Disclaimer:

knowledge, information, belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.