

SAFETY DATA SHEET

Date: June 2015

Section #1: PRODUCT AND COMPANY IDENTIFICATION

Lapmaster Wolters, LLC
501 W. Algonquin Road
Mt. Prospect, IL 60056

www.lapmaster.com

Telephone: (224) 659-7101 (Office Hours 8:00 a.m. to 5:30 p.m. CST)
24-Hour Emergency Number: Chemtrec – 1-800-424-9300

Product Identification: Oil Soluble Diamond Paste Series #3008
Product Name: Diamond Compound Formulation LAP5-DIAP-XXX-PXXX
Product Use: Oil-Soluble Diamond Lapping/Polishing Various Components

2. Hazards Identification

Acute Toxicity: Oral, Category 4
Skin Corrosion/Irritation, Category 2
Serious Eye Damage/Eye Irritation, Category 2A



Hazard Rating System:

HEALTH	1
FLAMMABILITY	0
PHYSICAL	0
PPE	D



GHS Signal Word:

Warning

HMS:

GHS Hazard Phrases:

H302 - Harmful if swallowed.
H315 - Causes skin irritation.
H317 - May cause an allergic skin reaction.
H319 - Causes serious eye irritation.

GHS Precaution Phrases:

P261 - Avoid breathing dust/fume/gas/mist/vapors/spray.
P264 - Wash hands thoroughly after handling.
P270 - Do not eat, drink or smoke when using this product.
P272 - Contaminated work clothing should not be allowed out of the workplace.
P280 - Wear protective gloves/protective clothing/eye protection/face protection.

GHS Response Phrases:

P301+312 - IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.
P302+352 - IF ON SKIN: Wash with plenty of soap and water.
P305+351+338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P321 - Specific treatment see ... on this label.
P330 - Rinse mouth.
P332+313 - If skin irritation occurs, get medical advice/attention.
P333+313 - If skin irritation or rash occurs, seek medical advice/attention.
P337+313 - If eye irritation persists, get medical advice/attention.
P362+364 - Take off contaminated clothing and wash it before reuse.
P362 - Take off contaminated clothing and wash before re-use.

GHS Storage and Disposal Phrases:

P501 - Dispose of contents/container to ...

Potential Health Effects (Acute and Chronic):	Hazards not otherwise classified (HNOC) or not covered by GHS. None.
Inhalation:	Low hazard for normal industrial handling. May be harmful if inhaled. May cause respiratory tract irritation. May cause sneezing.
Skin Contact:	Exposure may cause irritation characterized by redness, dryness, and inflammation. May be harmful if absorbed through the skin. May cause skin sensitization, an allergic reaction, which becomes evident upon re-exposure to this material. Low hazard for usual industrial handling.
Eye Contact:	May cause eye irritation. Dust may cause mechanical irritation.
Ingestion:	May cause irritation of the digestive tract. Low hazard for usual industrial handling. May be harmful if swallowed. Ingestion of large amounts may cause gastrointestinal irritation. Expected to be a low ingestion hazard.

3. Composition/Information on Ingredients

CAS #	Hazardous Components (Chemical Name)	Concentration	
64742-54-7	Distillates (petroleum), Hydrotreated heavy paraffinic	36.0 -45.0 %	
7782-40-3	Diamond	<25.0 %	
8042-47-5	Technical white oil* (regulated as mist only)	12.0 -25.0 %	
112945-52-5	Silica, amorphous treated	<10.0 %	
8030-76-0	Lecithins, soya	4.0 -10.0 %	
9003-13-8	Poly[oxy(methyl-1,2-ethanediyl)], .alpha.-butyl-.omega.-hydr	2.0 -5.0 %	
8050-15-5	Resin acids and rosin acids, hydrogenated, methyl esters	2.0 -5.0 %	
NA	Natural Wax	2.0 -5.0 %	

4. First Aid Measures

Emergency and First Aid

Procedures:

In Case of Inhalation:	If breathed in, move person into fresh air. Remove from exposure and move to fresh air immediately. If breathing is difficult, give oxygen.
In Case of Skin Contact:	Wash off with soap and plenty of water. Flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Get medical aid if irritation develops or persists. Wash clothing before reuse. Get medical aid.
In Case of Eye Contact:	Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Do NOT allow victim to rub eyes or keep eyes closed. If irritation develops, get medical aid. Get medical aid.
In Case of Ingestion:	Never give anything by mouth to an unconscious person. If conscious and alert, rinse mouth and drink 2-4 cupfuls of milk or water. Get medical aid if irritation or symptoms occur. If victim is conscious and alert, give 2-4 cupfuls of milk or water. Wash mouth out with water.

Signs and Symptoms Of Exposure:

The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11 To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

Note to Physician:

Treat symptomatically and supportively.

5. Fire Fighting Measures

Flash Pt:	Method Used: Estimate
Explosive Limits:	LEL: UEL:
Autoignition Pt:	
Suitable Extinguishing Media:	Use water spray, dry chemical, carbon dioxide, or alcohol-resistant foam. Substance is noncombustible; use agent most appropriate to extinguish surrounding fire. Use agent most appropriate to extinguish fire.
Fire Fighting Instructions:	Wear self contained breathing apparatus for fire fighting if necessary. Further information: 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. Use extinguishing media appropriate to surrounding fire conditions.
Flammable Properties and Hazards:	Carbon oxides.

6. Accidental Release Measures

Protective Precautions, Protective Equipment and Emergency Procedures:	Avoid breathing vapors, mist or gas. For personal protection see section 8.
Environmental Precautions:	Do not let product enter drains.
Steps To Be Taken In Case Material Is Released Or Spilled:	Keep in suitable, closed containers for disposal. Use proper personal protective equipment as indicated in Section 8. Spills/Leaks: Vacuum or sweep up material and place into a suitable disposal container. Clean up spills immediately, observing precautions in the Protective Equipment section. Avoid generating dusty conditions. Provide ventilation. Personal precautions. Avoid breathing vapors, mist or gas. Environmental precautions. Do not let product enter drains. Methods for cleaning up.

7. Handling and Storage

Precautions To Be Taken in Handling:	For precautions see section 2. Wash thoroughly after handling. Wash hands before eating. Use with adequate ventilation. Minimize dust generation and accumulation. Avoid contact with eyes, skin, and clothing. Keep container tightly closed. Avoid ingestion and inhalation. Normal measures for preventive fire protection. Avoid contact with skin and eyes. Avoid breathing dust, mist, or vapor.
Precautions To Be Taken in Storing:	Keep container tightly closed in a dry and well-ventilated place. Store in a tightly closed container. Store in a cool, dry, well-ventilated area away from incompatible substances. No special precautions indicated. Store in a cool, dry place.

8. Exposure Controls/Personal Protection

CAS #	Partial Chemical Name	OSHA TWA	ACGIH TWA	Other Limits
64742-54-7	Distillates (petroleum), Hydrotreated heavy paraffinic			
7782-40-3	Diamond			
8042-47-5	Technical white oil* (regulated as mist only)			
112945-52-5	Silica, amorphous treated			

Specific Gravity (Water = 1): ~ 0.878
Density: ~ 0.864 G/CM3
Solubility in Water:
Percent Volatile:
Autoignition Pt:

10. Stability and Reactivity

Stability: Unstable [] Stable []
Conditions To Avoid - Instability: dust generation, Strong oxidants, Not available.
Incompatibility - Materials To Avoid: None. Strong oxidizing agents, Strong bases, Strong oxidizers. Not available.
Hazardous Decomposition or Byproducts: Other decomposition products: No data available. In the event of fire: see section 5. Carbon monoxide, formed under fire conditions. Carbon oxides, Not available.
Possibility of Hazardous Reactions: Will occur [] Will not occur []
Conditions To Avoid - Hazardous Reactions:

11. Toxicological Information

Toxicological Information: No data available.
Reproductive toxicity. Aspiration hazard: Epidemiology: No information available.
Teratogenicity: No information available.
Reproductive Effects: Neurotoxicity: Other Studies: No information found.

Irritation or Corrosion: Skin corrosion/irritation. No data available.
Serious eye damage/eye irritation:

Sensitization: No data available.

Chronic Toxicological Effects: Specific target organ toxicity - single exposure: No data available.
Specific target organ toxicity - repeated exposure: IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.
NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

Carcinogenicity/Other Information: This product is or contains a component that is not classifiable as to its carcinogenicity based on its IARC, ACGIH, NTP, or EPA classification. IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC. ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH. NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP. OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA. CAS# 7782-40-3: Not listed by ACGIH, IARC, NTP, or CA Prop 65. CAS# 8012-89-3: Not listed by ACGIH, IARC, NTP, or CA Prop 65. CAS# 112945-52-5: Not listed by ACGIH, IARC, NTP, or CA Prop 65.

12. Ecological Information

General Ecological Information: Environmental: Exists solely in particulate phase and will eventually settle out.
Physical: No information available.
Other: No information available.

Results of PBT and vPvB assessment: PBT/vPvB assessment not available as chemical safety assessment not required/not conducted.

13. Disposal Considerations

Waste Disposal Method: Product:
Offer surplus and non-recyclable solutions to a licensed disposal company.
Contaminated packaging: 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. Observe all federal, state, and local environmental regulations.

Dispose of as unused product.

14. Transport Information

LAND TRANSPORT (US DOT):

DOT Proper Shipping Name: Not regulated as a hazardous material.
DOT Hazard Class: None
UN/NA Number:

LAND TRANSPORT (Canadian TDG):

TDG Shipping Name: Not regulated as a hazardous material.

LAND TRANSPORT (European ADR/RID):

ADR/RID Shipping Name: Not regulated as a hazardous material.
UN Number:
Hazard Class: None

MARINE TRANSPORT (IMDG/IMO):

IMDG/IMO Shipping Name: Not regulated as a hazardous material.

AIR TRANSPORT (ICAO/IATA):

ICAO/IATA Shipping Name: Not regulated as a hazardous material.

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)
84742-54-7	Distillates (petroleum), Hydrotreated heavy paraffinic	No	No	No
7782-40-3	Diamond	No	No	No
8042-47-5	Technical white oil* (regulated as mist only)	No	No	No
112945-52-5	Silica, amorphous treated	No	No	No
8030-76-0	Lecithins, soya	No	No	No
9003-13-8	Poly[oxy(methyl-1,2-ethanediyl)], .alpha.-butyl-omega.-hydr	No	No	No
8050-15-5	Resin acids and rosin acids, hydrogenated, methyl esters	No	No	No
NA	Natural Wax	No	No	No

This material meets the EPA Yes No **Acute (immediate) Health Hazard**
'Hazard Categories' defined Yes No **Chronic (delayed) Health Hazard**

for SARA Title III Sections	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Fire Hazard
311/312 as indicated:	<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

16. Other Information

THIS PRODUCT IS CERTIFIED TO BE RoHS COMPLIANT

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