



## Safety Data Sheet (SDS)

Revision / Review Date: 6/5/15

### 1. Chemical Product and Company Identification

Product Name:	PROMIX 400
Distributed By:	HB Chemical 1665 Enterprise Parkway Twinsburg Oh 44087 Phone - 330-920-8023
SDS Prepared By (w Suppliers Input):	HB Chemical
Chemical Name / Family:	Not available
Molecular Formula:	Not available
Molecular Weight via GPC, Mn:	Not available
Product Use:	Process Aid
OSHA Status:	Non Hazardous
CAS No:	8052-42-4, 24937-78-8, 7631-86-9, 14807-96-6
EC No:	232-490-9, 231-545-4, 238-877-6
REACH Registration Number:	01-2119480172-44 05-2114207484-54 05-2114207497-47

For emergency health, safety, and environmental information, calls 330-920-8023

For emergency transportation information, in the United States: call CHEMTREC at 800-424-9300

### 2. Hazard(s) Identification

<u>Classification of the substance or mixture:</u>	
<u>Regulation (EC) No 1272/2008:</u>	None.
<u>Directive 67/548/EEC:</u>	None.
<u>Directive 1999/45/EEC:</u>	None.
<u>Labelling, pursuant to Regulation (EC) no 1272/2008 [CLP]:</u>	
<u>Hazard pictograms:</u>	None.
<u>Signal word:</u>	None.
<u>Hazard statements:</u>	None.
<u>Precautionary statements:</u>	None.
<u>Supplemental Hazard Information:</u>	None.
<u>Labelling in accordance with directive 67/548/EEC:</u>	
<u>Danger Symbols:</u>	None.

<u>R-Phrases:</u>	None.												
<u>S-Phrases:</u>	None.												
<u>Other Hazards:</u>	The mixture is classified not dangerous in accordance with Directive 1272/2008/EC (GHS). The preparation is not classified as dangerous in accordance with Directive 1999/45/EC. The molten product can cause severe burns. Dust from product may be irritating.												
<u>U.S. OSHA Hazards Classification:</u>	Health – Target Organ Effect (Respiratory).												
<u>Target Organs:</u>	Lungs, Eyes, Skin.												
<u>Regulation (EC) number 1272/2008:</u>	319 causes severe irritation of the eyes. 332 May be harmful if inhaled. 335 May irritate the respiratory tract.												
<u>Directive 67/548/CEE:</u>	20 May be harmful if inhaled. 36/37 Irritating to eyes and respiratory tract. 37 Irritating to the respiratory tract.												
<u>Signs and Symptoms of Exposure:</u>	No symptoms known so far.												
<u>Nature of the hazard:</u>	The molten product can cause severe burns.												
<u>Primary Routes of Entry:</u>	Inhalation, skin and eyes.												
<u>Emergency aid:</u>	To drink water in large quantities by small sips. Do not induce vomiting. After contact with molten product, quickly cool the parts of the skin with water.												
<u>Medical Conditions Generally Aggravated by Exposure:</u>	None Known.												
<u>Eye Contact:</u>	Direct contact may cause painful stinging or burning, watering eyes.												
<u>Skin Contact:</u>	Prolonged contact may cause irritation in some individuals. Molten material may cause burns to exposed skin.												
<u>Ingestion:</u>	May cause nausea, vomiting and abdominal cramps.												
<u>Inhalation:</u>	Product may pose as dust hazard irritating eyes, nose and lungs.												
<u>HMIS and NFPA Hazard Rating:</u>													
NFPA Unusual Hazards: None / HMIS Personal Protection: To be supplied by user depending on use.													
<table border="1"> <thead> <tr> <th>Category</th> <th>HMIS</th> <th>NFPA</th> </tr> </thead> <tbody> <tr> <td>Health</td> <td>1</td> <td>0</td> </tr> <tr> <td>Flammability</td> <td>1</td> <td>1</td> </tr> <tr> <td>Physical Hazard / Reactivity</td> <td>0</td> <td>0</td> </tr> </tbody> </table>	Category	HMIS	NFPA	Health	1	0	Flammability	1	1	Physical Hazard / Reactivity	0	0	
Category	HMIS	NFPA											
Health	1	0											
Flammability	1	1											
Physical Hazard / Reactivity	0	0											
<u>HMIS limitation statement:</u>	The HMIS hazard ratings numbers are meant to give a quick indication of the relative hazards associated with the product. All of the information contained in the SDS should be consulted to assist with the safe handling of this material.												

### 3. Composition / Information on Ingredients

Substance:	EC Number:	CAS Number:	REACH Number:	Concentration:	Classification: 1272/2008/EC (CLP):	Classification: 67/548/EEC:
Hydrocarbon Resin Blend	232-490-9	8052-42-4	01-211948017 2-44	> 95 %m	-	-
Ethylene-Vinyl Acetate (EVA) Copolymer		24937-78-8	-	< 5 %m	-	-
Silicon Dioxide, Amorphous	231-545-4	7631-86-9	05-211420749 7-47	< 2 %m	Eye Irrit. 2; H319 STOT SE 3; H335	Xi; R36/37
Magnesium Silicate, Hydrate (Talc) containing less than 1% Crystalline Silica	238-877-6	14807-96-6	05-211420748 4-54	< 2 %m	Acute Tox. 4; H332	Xn; R20 Xi; R37

Chemical characterization of the substance or preparation: Aliphatic, Aromatic and Naphthenic Resin Blend.

### 4. First Aid Measures

#### Inhalation:

If overcome by particulates or heated fumes, immediately remove victim to fresh air. Administer CPR if pulse is not detectable or if unable to breathe. Keep affected person warm and at rest. Obtain medical attention immediately.

#### Eyes:

In case of contact with eyes, immediately wash while keeping the eyelids open under the running water for 10 to 15 minutes. In case of irritation persists, get medical treatment. Burns caused by steam or molten material require medical treatment.

#### Skin:

After contact with skin, immediately wash extensively with SOAP and water. If skin irritation occurs, get medical attention. After contact with molten product, quickly cool the skin with water. Burns can be caused by molten product, which requires medical treatment.

#### Ingestion:

Immediately rinse the mouth and drink lots of water. Do not induce vomiting. If spontaneous vomiting is about to occur, then you should place victim's head below knees. If victim is drowsy or unconscious, place on the left side with head down. Never give anything by mouth to an unconscious person. Get immediate medical attention.

### 5. Fire-Fighting Measures

#### Suitable Extinguishing Media:

Water spray, Carbon dioxide (CO<sub>2</sub>), Foam, or dry chemical fire extinguisher.

#### Unsuitable extinguishing media:

High speed water jet.

#### Special Fire Fighting Procedures:

Treat as a hydrocarbon fire. If possible without risk, keep containers in good condition out of the dangerous zone. Use a water jet in the danger zone for the protection of persons and cooling of containers. Use self-contained breathing apparatus

and protective clothing. Avoid excess water spray application. Avoid using straight water streams. Hot product may ignite flammable material on contact. Collect contaminated water. Keep run-off water out of sewers or in bodies of water as it is difficult to remove after it is waterborne.

Hazardous Combustion Products:

Toxic pyrolysis products, Carbon dioxide, and Carbon monoxide.

Unusual fire and explosion hazards:

None.

**6. Accidental Release Measures**

Steps to be taken in case material is spilled:

Ensure adequate ventilation. Use Personal protection equipment when handling (See Section 8 for further details). Evacuate people to a safe place in an emergency. Absorb mechanically and put in adequate containers for elimination. Avoid dust. Clean contaminated surfaces. Rinse abundantly with water. Have the material appropriately treated for disposal. Remove all possible ignition sources. Use non-sparking tools. Wear respirators, gloves and goggles. Sweep up or vacuum. Place in waste disposal container. Dispose of in accordance with federal, state, and local regulations. This product is not a hazardous waste under RCRA criteria (40 CFR 261).

Specific Releases:

SOIL RELEASE: Do not flush into sewers. Scoop up contaminated soil and place in dry recovery drums. Dispose of as laws and regulations allow.  
WATER RELEASE: Notification of the proper governing agency may be appropriate.  
AIR RELEASE: Unlikely to be released to the air because of low volatility.

Environmental Disposal Information:

Keep public away. Do not allow to flow in sewers or in running waters. Shut off source if safe to do so. Release of this product to land, water, and air may require reporting to government agency, like the National Response Center (+01-800-424-8802).

Waste Disposal:

Dispose of waste recovered in accordance with applicable regulations.

**7. Handling and Storage:**

Empty Containers:

Not available.

Precautions to be taken in handling:

Use only in well ventilated areas. Avoid contact with skin and eyes. Do not eat, drink and smoke in work areas. Wash hands after use.

Storage:

Keep/store only in the original container. Keep containers closed well in a cool well ventilated place. Keep dry and closed

packaging to avoid contamination and moisture absorption. Keep away from food and beverage including those for animals. Store in cool, dry location away from all sources of heat, sparks and open flames. Keep containers closed to prevent contamination. Avoid contact with skin and eyes. Wash thoroughly after handling.

<u>Technical Measures:</u>	Requires no special technical prevention measures.
<u>Precautions against fire and explosion:</u>	Common measures for the prevention of fire.
<u>Additional Information:</u>	Follow NFPA 625 and NFPA 77 when handling combustible dust.
<u>Technological measures and storage conditions:</u>	Requires no special technical prevention measures.
<u>Storage classification:</u>	11 Combustible solids.

### 8. Exposure Controls / Personal Protection

Occupational exposure limits:

#### **Exposure limit values – Professional**

Substance:	CAS Number:	Source:	Limit value – 8 hours:	Limit value – short term	Remark:
Silicon Dioxide	7631-86-9	Kieselsäuren, amorphe (TRGS 900 01/06)	4 mg/m <sup>3</sup> E	-	DFG, 2, Y

Additional Information: DFG: Senate Commission to investigate the health risks of chemical compounds of the DFG (MAK- Kommission).  
 2: Colloidal amorphous silica (7631-86-9), including silica and manufactured using silica wet (precipitated silica, silica gel).  
 Y: Not a risk to the fetus in compliance with the occupational exposure limits (VLEP) and the biological limit (BGW).  
 E: In the fraction of respirable dust.  
 A: In the fraction of respirable dust.

Exposure Controls: Ensure adequate ventilation and aspiration point at critical locations. Adequate technical measures and the application of methods of work have priority to the use of personal protective equipment.

Respiratory Protection: Wearing a protective respiratory mask is not necessary if the use is in accordance with the rules and under normal conditions. Respiratory protection is necessary when: the value exceeded limit respiratory protective equipment appropriate: Combined filter device (DIN EN 141).

Ventilation: Local ventilation is suggested to maintain levels below acceptable limits.

Hand Protection: Use certified protection gloves meeting Standards DIN / EN: DIN EN 374 or NIOSH standards.

<u>Eye Protection:</u>	Safety Glasses or Goggles meeting DIN EN or NIOSH standards.
<u>Skin and Body Protection:</u>	To protect from direct skin contact, it is necessary to wear a body protection (standard working clothes). Only wear clothing protection of good size, clean and comfortable. Creams can also be used as a means of personal protection.
<u>Other Precautions:</u>	Do not eat, drink, or smoke at work stations. Wash hands after use. Wash soiled clothing before reusing them.
<u>Decontamination Facilities:</u>	Eye bath, washing facilities (sinks / showers).

## **9. Physical and Chemical Properties**

<u>Physical Form:</u>	Solid, Pellets, or Pastilles
<u>Appearance &amp; Odor:</u>	Dark Brown, Light Grey, or Black/ Neutral
<u>Specific Gravity:</u>	1.0 – 1.1 g/cm <sup>3</sup>
<u>Softening Point, R&amp;B:</u>	Approx. 100o C
<u>Solubility in Water:</u>	Insoluble
<u>Flash Point, TAG CC F:</u>	> 600 °C
<u>Percent Volatiles (by weight):</u>	Not available.
<u>Evaporation Rate (Water ~ I):</u>	Not available.
<u>% Ash:</u>	2 % max
<u>Vapor Pressure (mm Hg):</u>	Not available.
<u>Vapor Density (Air ~ I):</u>	Not available.
<u>Boiling Point (°F) Initial:</u>	Not available.
<u>Auto ignition Temperature, °C:</u>	Not available.
<u>Flammable Limits, %(V):</u>	Lower flammability limits: Combustible Dust
<u>Explosive properties (as dust only, NA as solid):</u>	MIE, mJ = 28 (ASTME 2019) Dust Concentration = 500 g/m <sup>3</sup> Explosion Pressure Bar = 7.7

## **10. Stability and Reactivity**

<u>Stability:</u>	This product is stable under normal conditions.
<u>Incompatibility (Materials to Avoid):</u>	Oxidizing agents.
<u>Conditions to Avoid:</u>	Fire (treat as hydrocarbon fire). Avoid dust cloud formation. Keep away from flame and sources of ignition.

<u>Hazardous Polymerization:</u>	Hazardous polymerization will not occur.
<u>Hazardous Decomposition Products:</u>	Toxic pyrolysis products, Carbon dioxide, and Carbon monoxide.

### **11. Toxicological Information**

This material is not listed as a carcinogen or potential carcinogen by NTP, IARC, or OSHA.

<u>OSHA Permissible Exposure Limit:</u>	Not available.
<u>ACGIH Threshold Limit Value:</u>	Not available.
<u>Irritating to skin:</u>	Not irritant.
<u>Irritating to eyes:</u>	Not irritant.
<u>Irritating to respiratory tract:</u>	Dust may be irritating to respiratory tract.
<u>Corrosive:</u>	Not corrosive.
<u>Carcinogenicity:</u>	No experimental evidence relating to the carcinogenicity on available human.
<u>Germ Cell Mutagenicity:</u>	No indication as to the mutagenicity on available human germ cells.
<u>Reproductive Toxicity:</u>	No indication as to the toxicity of the available human reproduction.

### **12. Ecological Information**

<u>Persistence and degradability:</u>	Is not readily biodegradable (according to the OECD criteria).
<u>Bioaccumulative potential:</u>	No data available for the mixture.
<u>Mobility in soil:</u>	No data available for the mixture.
<u>Results of PBT and vPvB assessment:</u>	This matter does not meet the criteria of classification PBT or vPvB.
<u>Other adverse effects:</u>	None.
<u>Other ecological information:</u>	Do not allow to flow in sewers or in running waters. Do not allow flow into basements / groundwater.

### **13. Disposal Considerations**

<u>Appropriate disposal / Product:</u>	Removal according to Community directives 75/442/EEC and 91/689/EEC on waste and hazardous waste in versions respectively in force.
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<u>Appropriate disposal / Packaging:</u>	Polluted and completely empty packaging may be destined for recycling. Contaminated packaging should be treated as the substance.
<u>Industry Code:</u>	According to the professional industry and process, the classification in a category of waste shall be performed according to the German directive EAVK.
<u>Code product waste:</u>	07-02-15 - Wastes from additives other than those mentioned in the 07 02 14.
<u>Code of packaging waste:</u>	15 01 10 - Packaging containing residues, or contaminated by dangerous substances.
<u>Remark:</u>	The removal must be done according to the requirements of local authorities.
<u>General Product Information:</u>	This product if discarded as produced is not expected to be a characteristic hazardous waste under U.S. RCRA.

#### 14. Transport Information

	<b>Regulatory Information</b>	<b>UN Number</b>	<b>Proper shipping name</b>	<b>Classes</b>	<b>PG</b>	<b>Label(s)</b>	<b>Additional Information</b>
<b>14.1</b>	<b>U.S. DOT Classification</b>	-	Pitch, n.o.i. (Promix® 400)	-	-	-	Not regulated
	<b>Highway/Rail Transportation (ADR/RID)</b>	-	Pitch, n.o.i. (Promix® 400)	-	-	-	Not regulated
<b>14.2</b>	<b>IMDG Class</b>	-	Pitch, n.o.i. (Promix® 400)	-	-	-	Not regulated
<b>14.3</b>	<b>IATA-DGR Class</b>	-	Pitch, n.o.i. (Promix® 400)	-	-	-	Not regulated

#### 15. Regulatory Information

All components of this material are on or exempted from the TSCA Inventory.

All components of this material are on or exempted from the Canadian DSL/NDSL.

Component (s) classification of hazard labeling: Hydrocarbon resin; Ethylene / vinyl acetate, copolymer; Silicon dioxide; TALC.

Special labeling of certain preparations: Record of safety data available upon request for professionals.

#### EU REGULATIONS:

Directive 1999/13/EC on the limitation of emissions of volatile organic compounds (VOC - ED): None.

Regulation (EC) No 2037/2000 relating to substances that Deplete the ozone layer: None.



<u>Regulation (EC) No 850/2004 on persistent organic pollutants:</u>	None.
<u>Regulation (EC) No 689/2008 concerning the export and import of dangerous chemicals:</u>	None.
<u>Regulation (EC) No 648/2004 (the detergents regulations):</u>	None.
<u>Restrictions under Title VIII of Regulation (EC) No 1907/2006:</u>	None.
<u>Storage Classification:</u>	11 Combustible solids.
<u>Class of risk for the aquatic environment:</u>	0 not a water pollutant.
<u>Technical training for air quality (IT-air):</u>	None.
<u>Other information, restrictions and legal provisions:</u>	None.
<u>Chemical safety assessment:</u>	For substances of this mixture, no security assessment has been made.
<u>Additional Information:</u>	This safety datasheet complies with the requirements of US. OSHA Hazard Communication Standard (29 CFR 1910.1200) and ANSI Z400.1-2004.
<u>US FEDERAL REGULATIONS:</u>	
This material contains no chemicals that are identified under SARA Section 302 (40 CFR 355 Appendix A), SARA Section 313 (40 CFR 372.65) and/or CERCLA (40 CFR 302.4) in any regulated quantities.	
The following is provided to aide in the preparation of SARA Section 311 and 312 reports.	
SARA 311/312	
Acute Health Hazard:	Yes
Chronic Health Hazard:	Yes
Fire Hazard:	No
Sudden Release of Pressure Hazard:	No
Reactive Hazard:	No
<u>U.S. STATE REGULATIONS:</u>	
Louisiana Right-to-Know	Not Listed
California Proposition 65	Silica (Respiratory)
New Jersey Right-to-Know	Not Listed
Pennsylvania Right-to-Know	Not Listed
Massachusetts Right-to-Know	Not Listed
Florida Substance List	Not Listed
Rhode Island Right-to-Know	Not Listed
Michigan critical materials register list	Not Listed
West Virginia List	Not Listed
Massachusetts Extraordinarily Hazardous Substances	Not Listed
California – Regulated Carcinogens	Not Listed
<u>CANADIAN REGULATIONS:</u>	
<u>WMIS Status:</u>	Not Controlled
<u>WHMIS Classification:</u>	None.
<u>Additional information concerning European Union REGULATIONS/DIRECTIVES:</u>	
	PAH compliant.
	RoHS compliant.

<u>OTHER REGULATIONS:</u>	All components are listed or exempt for Chinese and Korean inventories.
<u>JAPANESE LAWS AND REGULATIONS</u>	
<u>Chemical Substances Control Law Classification:</u>	Not identified.
<u>Chemical Substances Control Law Class Reference No:</u>	Not available.
<u>Biodegradation and Bioconcentration Law:</u>	Not identified.
<u>Act on Confirmation, etc. of Release Amounts of Specific Chemical Substances in the Environment and Promotion of Improvement to Management Thereof:</u>	Not available.
<u>Industrial Safety and Health Act</u>	
Prohibition on Manufacturing, etc.:	Not identified.
Permission for Manufacturing:	Not identified.
Label required:	Not identified.
MSDS required:	Not identified.
Result of Mutagenicity Test:	Not available.
<u>Ozone Layer Protection Law:</u>	Not identified.
<u>Air Pollution Control Law:</u>	Not identified.
<u>Water Pollution Control Law:</u>	Not identified.
<u>Soil Contamination Countermeasure Act:</u>	Not identified.
<u>Law for Control of Household Products Containing Harmful Substances:</u>	Not identified.
<u>Section 313 Notification:</u>	This product doesn't fall subject to the requirements of Sect 313

## **16. Other Information**

The above information has been compiled from what we believe to be credible sources. To our knowledge the information is accurate and reliable, however, it is not guaranteed. Any recommendations issued by HB Chemical personnel or literature is derived from experience and by no means should be taken as fact or construed as a recommendation to violate of any law, regulation or patent. It is the user's responsibility to determine the suitability of any HB supplied material in their application. The individual conditions of each customer are well outside of our control and we cannot be held liable for its functionality and use. Please contact our office should you need specific information beyond what is supplied above. As with all Chemical usage safety precautions beyond the stated are highly recommended.