SAFETY DATA SHEET

Issuing Date 24-Oct-2016 **Revision Date** **Revision Number** 0

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY/UNDERTAKING

GHS Product Identifier
Product Name: CrackMaster 3405 NR

Other Means of Identification
Product Code(s): **M1059L**
Synonyms None

Recommended Use of the Chemical and Restrictions on Use
Recommended Use: Sealant
Uses Advised Against: No information Available

Supplier Address
ThorWorks Industries, Inc
2520 S. Campbell St.
Sandusky, OH 44870
1-800-326-1994

Emergency Telephone Number Chemtrec 1-800-424-9300

2. HAZARDS IDENTIFICATION

Classification

Classification in accordance to the OSHA Hazard Communication Standard 2012 (29 CFR 1910.1200) = 1B H350

GHS Label Elements, Including Precautionary Statements

Emergency Overview

Signal Word **Danger**

H350 May Cause Cancer
P201 Obtain special instructions before use
P202 Do not handle until all safety precautions have been read and understood
P280 Wear eye protection, face protection, protective clothing, protective gloves
P308 + P313 If exposed or concerned: Get medical attention
P405 Store locked up
P501 Dispose of contents/container to an authorized waste collection point

Describe any hazards- Hot material will burn skin.

Appearance: Black/Dark Brown **Physical State:** Solid at room temperature, liquid above softening point. **Odor:** Petroleum

Hazard Not Otherwise Classified (HNOC)
Not applicable

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS Number	%	GHS-US classification
Extracts (petroleum), heavy paraffinic distillate solvent	64742.-04-7	0.1-20	Carc. 1B, H350

4. FIRST AID MEASURES

Description of Necessary First-Aid Measures

General	Never give anything by mouth ot an unconscious person. If exposed or concerned: Get medical advice/attention.
Eye Contact	Irrigate copiously with clean, fresh water for at least 15 minutes, holding the eyelids apart.
Skin Contact	Drench affected area with water for at least 15 minutes.
Inhalation	Remove victim to fresh air and keep at rest in position comfortable for breathing. Get medical attention/advice.
Ingestion	Get Medical attention/advice if you feel unwell.

Most Important Symptoms/Effects, Acute and Delayed

Most Important Symptoms/Effects	May cause cancer Inhalation of vapors may cause respiratory irritation. Heated product causes burns to skin and eyes.

Indication of Immediate Medical Attention and Special Treatment Needed, If Necessary

Notes to Physician	Treat Symptomatically and supportively.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media

Class B. Carbon dioxide. Dry chemical. Foam. Water spray

Unsuitable Extinguishing Media Do not use a heavy water stream.

Specific Hazards Arising from the Chemical

Fire hazard- When heated, material emits irritating fumes. Burning produces irritating, toxic, and noxious fumes.
Explosion hazard- Product is not explosive.
Reactivity- No dangerous reactions known.

Protective Equipment and Precautions for Firefighters

Full protective equipment, including self-contained breathing apparatus to be worn. Do not allow run-off from fire fighting to enter drains/water courses. Exercise caution when fighting any chemical fire.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment, and Emergency Procedures

Personal Precautions:	Avoid all eye and skin contact and do not breathe vapor and mist. Keep upwind.
For non-emergency personnel:	Chemical goggles or safety glasses. Wear suitable protective clothing and gloves. Evacuate unnecessary personnel.
For emergency responders:	Chemical goggles or safety glasses. Wear suitable protective clothing and gloves. Stop leak if safe to do so.

Environmental Precautions

Environmental Precautions:	Do not discharge into drains or the environment.

Methods and Materials for Containment and Cleaning Up

Methods for Containment:	Stop the flow of material, if this is without risk. Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams.
Methods for Cleaning Up:	Allow the molten material to cool. Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. On land, sweep or shovel into suitable containers.

7. HANDLING AND STORAGE

Precautions for Safe Handling

Handling:	Avoid breathing vapors. Avoid contact with skin and eyes. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Do not eat, drink, or smoke when using this product. Wash hands and other exposed areas with mild soap and water before eating, drinking, or smoking when leaving work.

Conditions for Safe Storage, Including Any Incompatibilities

Storage:	Store in properly closed and labeled containers away from sources of ignition. Store containers in a well-ventilated, clean, and dry area.
Incompatible Products:	Strong oxidizing agents.
Specific end use:	Sealant.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Control Parameters
Exposure Guidelines

Chemical Name	ACGIH TLV	OSHA PEL
Extracts (petroleum), heavy paraffinic distillate solvent (64742-04-7)	Not applicable	Not applicable

Appropriate Engineering Controls

Engineering Measures: Avoid creating mist or spray. Avoid dispersal of dust in the air (i.e., clearing dust surfaces with compressed air). Use only outdoors or in a well-ventilated area.

Individual Protection Measures, such as Personal Protective Equipment

Eye/Face Protection: Chemical goggles or safety glasses. Contact with hot material- risk of serious burns. Face shield.

Skin and Body Protection: Long sleeved protective clothing. Foot protection. Insulated gloves.

Respiratory Protection: In case of inadequate ventilation wear respiratory protection. Appropriate self-contained breathing apparatus may be required.

Hygiene Measures: Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on Basic Physical and Chemical Properties

Physical State: Solid at 77° F/ Liquid above softening point. **Appearance:** Black/Dark Brown
Odor: Petroleum **Odor Threshold:** No Information Available

Property	Values
pH	No data available
Melting Point/Range	150-250° F (65.5-121.1 ° C)
Boiling Point/Boiling Range	>600° F (>315.6° C)
Flash Point	>400° F (>204.4° C)
Evaporation Rate	No data available
Flammability (solid, gas)	No data available
Flammability Limits in Air	
Upper flammability limit	No data available
Lower flammability limit	No data available
Vapor Pressure	No data available
Vapor Density	No data available
Specific Gravity	1.0-1.9
Solubility	No data available
Solubility in other solvents	No data available
Density	8-16 lbs/gal
Partition coefficient: n-octanol/water	No data available
Autoignition Temperature	>700° F (>371.1° C)
Decomposition Temperature	No data available
Viscosity	No data available
Explosive Properties	No data available
Oxidizing Properties	No data available
VOC Content	0%

10. STABILITY AND REACTIVITY

Reactivity: No dangerous reactions known.
Chemical Stability: Stable under normal conditions.
Possibility of Hazardous Reactions: Hazardous polymerization will not occur.
Conditions to Avoid: None known.
Incompatible Materials: Strong oxidizing agents.
Hazardous Decomposition Products: Carbon Monoxide (CO), Hydrogen Sulfide, Aldehydes, Aromatic hydrocarbons. Irritating and/or toxic fumes may be released if burned.

11. TOXICOLOGICAL INFORMATION

Information on toxicological effects

Likely routes of exposure:	Skin and eye contact; Inhalation
Acute toxicity:	Not classified
Skin corrosion/irritation:	Not Classified
Serious eye damae/irritation:	Not Classified
Respiratory or skin sensitization:	Not Classified
Germ cell mutagenicity:	Not Classified
Carcinogenicity:	Not Classified
Reproductive Toxicity:	Not Classified
Specific target organ toxicity (single exposure):	Not Classified
Specific target organ toxicity (repeated exposure):	Not Classified
Aspiration hazard:	Not Classified
Symptoms/injury after inhalation:	Inhalation of vapors may cause respiratory irritation.
Symptoms/injury after skin contact:	Heated product causes burns.
Symptoms/injury after eye contact:	Heated product causes burns.

12. ECOLOGICAL INFORMATION

Toxicity:	No information available.
Persistence and Degradability:	No information available.
Bioaccumulation Potential:	No information available.
Mobility in soil:	No information available.
Other Adverse Effects:	No information available.

13. DISPOSAL CONSIDERATIONS

Waste Treatment Methods:

Sewage disposal recommendations:	Do not dispose of waste into sewer.
Waste disposal recommendations:	Dispose in a safe manner in accordance with local/national regulations.

14. TRANSPORTATION INFORMATION

DOT: Not considered a dangerous good for transport regulations.

15. REGULATORY INFORMATION

Legend
TSCA – United States Toxic Substances Control Act Section 8(b) Inventory
DSL/NDSL – Canadian Domestic Substances List/Non-Domestic Substances List
EINECS – European Inventory of Existing Commercial Chemical Substances

U.S. Federal Regulations
Extracts (petroleum), heavy paraffinic distillate solvent (64742-04-7)- listed on the US TSCA inventory.

International Regulations
CANADA
Extracts (petroleum), heavy paraffinic distillate solvent (64742-04-7)- listed on the Canadian DSL inventory.

EU Regulations
Extracts (petroleum), heavy paraffinic distillate solvent (64742-04-7)- listed on the EEC inventory EINECS

Classification according to Regulation (EC) No. 1272/2008 [CLP]
Carc. 1B Full text of H-phrases: see section 16

Classification according to Directive 67/548/EEC [DSD] or 1999/45/EC [DPD]
Carc. Cat. 2; R45

National Regulations

Listed on IARC (International Agency for Research on Cancer)
Listed on PICCUS (Philippines Inventory of Chemicals and Chemical Substances)
Listed on NZIoC (New Zealand Inventory of Chemicals)
Listed on the AICS (Australian Inventory of Chemical Substances)
Listed on Taiwan National Chemical Inventory
Listed on the Korean ECL(Existing Chemicals List)
Listed on the Japanese ENCS (Existing & New Chemical Substances) inventory
Listed on the Inventory of Existing Chemical Substances Produced or Imported in China (IECSC)

U.S. State Regulations

California Proposition 65 Carcinogens List: Yes
California Proposition 65 Developmental Toxicity: No
California Proposition 65 Reproductive Toxicity- Female: No
California Proposition 65 Reproductive Toxicity- Male: No

U.S. State Right-To-Know Regulations

"X" designates that the ingredients are listed on the state right to know list.

Chemical Name	New Jersey
Asphalt	X

16. OTHER INFORMATION

NFPA	**Health Hazard:** 2	**Flammability:** 1	**Instability:** 0	**Physical and Chemical Hazards-**
HMIS	**Health Hazard:** 2	**Flammability:** 1	**Physical Hazard:** 0	**Personal Protection: X**

Full text of H-phrases:

Carc. 1B- Carcinogenicity, Category 1B
Carc. 2- Carcinogenicity, Category 2
H350- May Cause Cancer
H351- Suspected of Causing Cancer

Revision Date: 24-Oct-2016
Revision Note: No information available.

General Disclaimer

The information provided on this SDS is correct to the best of our knowledge, information, and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as 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 material or in any process, unless specified in the text.