

SAFETY DATA SHEET

SECTION 1: Identification of the substance/mixture and of the company/undertaking

Product identifier

Product name: Crystex(TM) HS OT 20

Product No.: P3404917

Relevant identified uses of the substance or mixture and uses advised against

Identified uses: Vulcanizing agent

Uses advised against: None known.

Details of the supplier of the safety data sheet**Manufacturer / Supplier**

Eastman Chemical Company
200 South Wilcox Drive
Kingsport, TN 37660-5280 US
+14232292000

Visit our website at www.EASTMAN.com or email emnmsds@eastman.com

Emergency telephone number:

For emergency health, safety, and environmental information, call 1-423-229-4511 or 1-423-229-2000.

For emergency transportation information, in the United States: call CHEMTREC at 800-424-9300 or call 423-229-2000.

SECTION 2: Hazards identification

Hazard Classification:**OSHA Specified Hazards:**

Combustible dust

May form combustible dust concentrations in air.

Warning label items including precautionary statement:

Signal Words: Warning

Hazard Statement(s): May form combustible dust concentrations in air.

Precautionary Statement:

Prevention: P210: Keep away from heat/sparks/open flames. - No smoking.
P243: Take precautionary measures against static discharge.

Disposal: P501: Dispose of contents/container to an appropriate treatment and disposal facility in accordance with applicable laws and regulations, and product characteristics at time of disposal.

Hazard(s) not otherwise classified (HNOC): No data available.

SECTION 3: Composition/information on ingredients**Substances / Mixtures****General information:**

Chemical name	Concentration	Additional identification	Notes
Sulfur, homopolymer	80%	CAS-No.: 9035-99-8	#
hydrotreated heavy naphthenic petroleum distillates	20%	CAS-No.: 64742-52-5	#

* All concentrations are percent by weight unless ingredient is a gas. Gas concentrations are in percent by volume.

This substance has workplace exposure limit(s).

SECTION 4: First aid measures

General: Get medical attention if symptoms occur. Show this safety data sheet to the doctor in attendance. If breathing is difficult, give oxygen. If not breathing, give artificial respiration. Place unconscious person on the side in the recovery position and ensure breathing can take place. Ensure that medical personnel are aware of the material(s) involved and take precautions to protect themselves.

Description of first aid measures

Inhalation: Move into fresh air and keep at rest. Get medical attention if symptoms occur. For breathing difficulties, oxygen may be necessary. Persons who have inhaled vapours or smoke fumes have to be put under medical observation for at least 48 hours, due to the delayed appearance of poisoning.

Eye contact: Immediately flush with plenty of water for at least 15 minutes. If easy to do, remove contact lenses. Get medical attention if symptoms occur.

Skin Contact: Wash skin thoroughly with soap and water. Get medical attention if symptoms occur. Wash contaminated clothing before reuse.

Ingestion: If swallowed, rinse mouth with water (only if the person is conscious). Remove victim to fresh air and keep at rest in a position comfortable for breathing. Loosen tight clothing such as a collar, tie, belt or waistband. Never give liquid to an unconscious person. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, keep head low so that stomach content doesn't get into the lungs. Seek medical advice.

Most important symptoms and effects, both acute and delayed: Inhalation of dust may cause shortness of breath, tightness of the chest, a sore throat and cough. Dust contact with the eyes can lead to mechanical irritation. Frequent or prolonged contact may defat and dry the skin, leading to discomfort and dermatitis.

Indication of any immediate medical attention and special treatment needed

Hazards: None known.

Treatment: Treat symptomatically. Persons who have inhaled vapours or smoke fumes have to be put under medical observation for at least 48 hours, due to the delayed appearance of poisoning.

SECTION 5: Firefighting measures

General Fire Hazards:	Material can accumulate static charges which may cause an incendiary electrical discharge. High concentrations of dust may form explosive mixture with air.
Extinguishing media	
Suitable extinguishing media:	Water spray, fog, CO2, dry chemical, or regular foam.
Unsuitable extinguishing media:	Avoid water in straight hose stream; will scatter and spread fire.
Special hazards arising from the substance or mixture:	Combustible. The substance burns with almost invisible flame. Powdered material may form explosive dust-air mixtures. In case of fire, toxic and corrosive gases may be formed. Can cause delayed lung injury. Leaked material and fire-fighting water may pollute water system. Hazardous combustion products : Oxides of Sulfur.
Advice for firefighters	
Special fire fighting procedures:	Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. Keep up-wind to avoid fumes. Move container from fire area if it can be done without risk. Use water spray to keep fire-exposed containers cool. Dike and collect extinguishing water. Prevent runoff from fire control or dilution from entering streams, sewers, or drinking water supply. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.
Special protective equipment for fire-fighters:	Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

SECTION 6: Accidental release measures

Personal precautions, protective equipment and emergency procedures:	No action shall be taken involving any personal risk or without suitable training. Keep unauthorized personnel away. Prevent dust cloud. ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area). Avoid breathing dust/fume/vapors. Avoid contact with eyes, skin, and clothing. Ventilate closed spaces before entering them. Do not touch or walk through spilled material. Wear appropriate personal protective equipment. See Section 8 of the SDS for Personal Protective Equipment.
Environmental Precautions:	Prevent further leakage or spillage if safe to do so. Clear up spills immediately and dispose of waste safely. Do not contaminate water sources or sewer.
Methods and material for containment and cleaning up:	Small Spillages: Remove small spills with vacuum cleaner. Collect in containers and seal securely. Large Spillages: Use non-sparking tools and explosion-proof equipment. Cover powdered spills with plastic sheet or tarpaulin to minimize spreading and protect from water. Collect spillage in containers, seal securely and deliver for disposal according to local regulations. Clean surface thoroughly to remove residual contamination.
Notification Procedures:	In the event of a spill or accidental release, notify relevant authorities in accordance with all applicable regulations.

SECTION 7: Handling and storage:

Precautions for safe handling: Do not handle until all safety precautions have been read and understood. Handle product only in closed system or provide appropriate exhaust ventilation at machinery. ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area). Material can accumulate static charges which may cause an electrical spark (ignition source). Use proper bonding and/or grounding procedures. Risks of ignition followed by flame propagation or secondary explosions shall be prevented by avoiding accumulation of dust, e.g. on floors and ledges. Minimize vertical drop distance in chutes and hoppers to prevent generation of dust clouds and static electrical charge. Totally or partially inert closed equipment to reduce oxygen content to below 7%. Minimize dust generation and accumulation. Avoid contact with oxidizing agents. Drain or remove substance from equipment prior to break-in or maintenance. An eye wash bottle must be available at the work site. Wear appropriate personal protective equipment. See Section 8 of the SDS for Personal Protective Equipment. Avoid breathing dust. Avoid breathing vapor from heated material. In case of inadequate ventilation, use respiratory protection. Avoid contact with eyes, skin, and clothing. Remove contaminated clothing and wash the skin thoroughly with soap and water after work. Do not taste or swallow. Handle in accordance with good industrial hygiene and safety practice. See also Section 8 for additional information on hygiene measures.

Conditions for safe storage, including any incompatibilities: Store in a cool, dry place out of direct sunlight. Keep container tightly closed and in a well-ventilated place. Keep in original container. Keep away from sources of ignition - No smoking. Keep from contact with oxidizing materials. Store away from incompatible materials. Keep away from food, drink and animal feeding stuffs. Store in accordance with local/regional/national/international regulations.

Specific end use(s): No data available.

SECTION 8: Exposure controls/personal protection**Control Parameters****Occupational Exposure Limits**

Country specific exposure limits have not been established or are not applicable unless listed below.

Chemical name	type	Exposure Limit Values	Source
Sulfur, homopolymer - Inhalable particles.	TWA	10 mg/m ³	US. ACGIH Threshold Limit Values (01 2010)
Sulfur, homopolymer - Respirable particles.	TWA	3 mg/m ³	US. ACGIH Threshold Limit Values (01 2010)
Sulfur, homopolymer - Respirable fraction.	PEL	5 mg/m ³	US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000) (02 2006)
Sulfur, homopolymer - Total dust.	PEL	15 mg/m ³	US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000) (02 2006)
Sulfur, homopolymer - Respirable fraction.	TWA	5 mg/m ³	US. OSHA Table Z-1-A (29 CFR 1910.1000) (1989)
Sulfur, homopolymer - Total dust.	TWA	15 mg/m ³	US. OSHA Table Z-1-A (29 CFR 1910.1000) (1989)

	TWA	15 mg/m ³	US. Tennessee. OELs. Occupational Exposure Limits, Table Z1A (06 2008)
Sulfur, homopolymer - Respirable fraction.	TWA	5 mg/m ³	US. Tennessee. OELs. Occupational Exposure Limits, Table Z1A (06 2008)
	TWA PEL	5 mg/m ³	US. California Code of Regulations, Title 8, Section 5155. Airborne Contaminants (09 2006)
Sulfur, homopolymer - Total dust.	TWA PEL	10 mg/m ³	US. California Code of Regulations, Title 8, Section 5155. Airborne Contaminants (09 2006)
Sulfur, homopolymer - Respirable fraction.	TWA	15 millions of particles per cubic foot of air	US. OSHA Table Z-3 (29 CFR 1910.1000) (2000)
Sulfur, homopolymer - Total dust.	TWA	50 millions of particles per cubic foot of air	US. OSHA Table Z-3 (29 CFR 1910.1000) (2000)
Sulfur, homopolymer - Respirable fraction.	TWA	5 mg/m ³	US. OSHA Table Z-3 (29 CFR 1910.1000) (2000)
Sulfur, homopolymer - Total dust.	TWA	15 mg/m ³	US. OSHA Table Z-3 (29 CFR 1910.1000) (2000)
Hydrotreated heavy naphthenic petroleum distillates	PEL	500 ppm 2,000 mg/m ³	US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000) (02 2006)
Hydrotreated heavy naphthenic petroleum distillates - Mist.	PEL	5 mg/m ³	US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000) (02 2006)
Hydrotreated heavy naphthenic petroleum distillates - Inhalable fraction.	TWA	5 mg/m ³	US. ACGIH Threshold Limit Values (03 2014)

Exposure controls

Appropriate engineering controls:

Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level.

Individual protection measures, such as personal protective equipment

General information:

An eye wash bottle must be available at the work site. Provide access to washing facilities including soap, skin cleanser and fatty cream.

Eye/face protection:

Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. Recommendations: Wear safety glasses with side shields (or goggles).

Skin protection**Hand Protection:**

It is a good industrial hygiene practice to minimize skin contact. If prolonged or repeated contact is likely, chemical resistant gloves are recommended. If contact with forearms is likely, wear gauntlet style gloves. Contact the glove manufacturer for specific advice on glove selection and breakthrough times for your use conditions. After contamination with product change the gloves immediately and dispose of them according to relevant national and local regulations. When material is heated, wear gloves to protect against thermal burns.

Other:

Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product. Recommendations: Apron or other light protective clothing and boots. If prolonged or repeated contact is likely, chemical resistant clothing is recommended.

Respiratory Protection:

Use a properly fitted, particulate filter respirator complying with an approved standard if a risk assessment indicates this is necessary. Respirator selection, use, and maintenance must be in accordance with regulatory requirements, if applicable. If engineering controls do not maintain airborne concentrations below recommended exposure limits (where applicable) or to an acceptable level (in countries where exposure limits have not been established), an approved respirator must be worn. In the United States of America, if respirators are used, a program should be instituted to assure compliance with OSHA Standard 63 FR 1152, January 8, 1998. Respirator type: Air-purifying respirator with an appropriate, government approved (where applicable), air-purifying filter, cartridge or canister. Contact health and safety professional or manufacturer for specific information.

Hygiene measures:

Handle in accordance with good industrial hygiene and safety practice. Do not eat, drink or smoke when using the product. Wash at the end of each work shift and before eating, smoking and using the toilet. Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reuse. Keep away from food, drink and animal feeding stuffs.

Environmental Controls:

Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels. Do not contaminate water sources or sewer.

SECTION 9: Physical and chemical properties**Information on basic physical and chemical properties****Appearance**

Physical state:	solid
Form:	Powder.
Color:	Yellow
Odor:	Characteristic, Faint
Odor Threshold:	No data available.
pH:	No data available.
Melting Point	90 - 119 °C

Boiling Point:	293 °C (1.013 hPa) oil444 °C (1.013 hPa) sulfur
Flash Point:	157 °C (Cleveland Open Cup) sulfur
Evaporation Rate:	No data available.
Flammability (solid, gas):	Not classified as hazardous.
Flammability Limit - Upper (%)-:	
Flammability Limit - Lower (%)-:	
Vapor pressure:	< 0.01 hPa (20 °C)
Vapor density (air=1):	No data available.
Specific Gravity:	approx. 1.61 (20 °C)
Solubility(ies)	
Solubility in Water:	Insoluble in water
Solubility (other):	No data available.
Partition coefficient (n-octanol/water):	not applicable ; Solid.
Autoignition Temperature:	232 °C sulfur
Decomposition Temperature:	No data available.
Dynamic viscosity:	not applicable ; Solid.
Kinematic viscosity:	not applicable ; Solid.
Explosive properties:	Not classified.
Oxidizing properties:	Not classified.

Other information

Bulk density:	350 - 550 kg/m ³
Dust Explosion Limit, Upper:	2,000 g/m ³ Dust may form an explosive mixture in the atmosphere.
Dust Explosion Limit, Lower:	30 g/m ³ Dust may form an explosive mixture in the atmosphere.
Dust Explosion Description Number Kst:	123 m.b./s
Dust Explosion Class:	ST-1
Minimum ignition energy:	5 - 10 mJ

SECTION 10: Stability and reactivity

Reactivity:	Material is stable under normal conditions.
Chemical Stability:	Material is stable under normal conditions.
Possibility of Hazardous Reactions:	Dust may form explosive mixture with air.
Conditions to Avoid:	Avoid conditions which create dust. Prevent dust accumulation to minimize explosion hazard. Avoid heat, sparks, open flames and other ignition sources.
Incompatible Materials:	Strong oxidizing agents. Amines. Strong bases.
Hazardous Decomposition Products:	Elevated temperatures or mechanical action may form vapors, mists or fumes which may be irritating to the eyes and respiratory tract. In case of fire, toxic and corrosive gases may be formed. Sulfur dioxide gas may be liberated from the product.

SECTION 11: Toxicological information**Information on likely routes of exposure**

Inhalation:	Inhalation of dust may cause shortness of breath, tightness of the chest, a sore throat and cough.
Ingestion:	May cause irritation of the gastrointestinal tract.
Skin Contact:	Frequent or prolonged contact may defat and dry the skin, leading to discomfort and dermatitis.
Eye contact:	Dust contact with the eyes can lead to mechanical irritation.

Information on toxicological effects**Oral**

Product: Oral LD-50: (Rat): > 4,000 mg/kg Not classified.

Dermal

Product: Dermal LD-50: (Rabbit): > 2,000 mg/kg
Not classified.

Inhalation

Product: No data available.

Specified substance(s):

Sulfur, homopolymer

Dusts, mists and fumes: LC50 (Rat, 4 h): > 9.23 mg/l Not classified for acute toxicity based on available data. Read-across from a similar material

Specified substance(s):

Hydrotreated heavy
naphthenic petroleum
distillates

Dusts, mists and fumes: LC50 (Rat, Male and Female, 4 h): 5.53 mg/l Not classified for acute toxicity based on available data. Read-across from a similar material

Repeated dose toxicity

Product: No data available.

Specified substance(s):

Sulfur, homopolymer

NOAEL (Rat, Oral Study): 1,000 mg/kg Read-across from a similar material

Specified substance(s):

Hydrotreated heavy
naphthenic petroleum
distillates

LOAEL (Rat, Oral Study): 125 mg/kg

Skin Corrosion/Irritation

Product: No data available.

Specified substance(s):

Sulfur, homopolymer

(Human experience.): Non-irritating to the skin. May cause eczema-like skin disorders (dermatitis).

Specified substance(s):

Hydrotreated heavy
naphthenic petroleum
distillates

(Rabbit, 4 h): Non-irritating to the skin. Read-across from a similar material

Serious Eye Damage/Eye Irritation**Product:** No data available.**Specified substance(s):**

Sulfur, homopolymer (Human experience.): Not irritating

Specified substance(s):

Hydrotreated heavy naphthenic petroleum distillates (Rabbit, 24 h): Slightly irritating. Read-across from a similar material

Respiratory or Skin Sensitization**Product:** No data available.**Specified substance(s):**

Sulfur, homopolymer OECD 406: Guinea pig sensitization (Guinea Pig): Not a skin sensitizer. Read-across from a similar material

Specified substance(s):

Hydrotreated heavy naphthenic petroleum distillates Skin Sensitization: (Guinea Pig): non-sensitizing Read-across from a similar material

Carcinogenicity**Product:** This product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC or NTP.**Toxicity to reproduction****Product:** No data available.**Specified substance(s):**

Sulfur, homopolymer Weight of evidence. ; Remarks: No known significant effects or critical hazards.

Specified substance(s):

Hydrotreated heavy naphthenic petroleum distillates Weight of evidence. ; Remarks: No known significant effects or critical hazards.

Developmental toxicity**Product:** No data available.**Specified substance(s):**

Sulfur, homopolymer Weight of evidence.; Remarks: No known significant effects or critical hazards.

Specified substance(s):

Hydrotreated heavy naphthenic petroleum distillates Rat; NOAEL: 2,000 mg/kg; Dermal; Remarks: No known significant effects or critical hazards.

Germ Cell Mutagenicity**In vitro****Product:** No data available.**Specified substance(s):**
Sulfur, homopolymer Mutagenicity - Mammalian (In vitro Mammalian Chromosome Aberration Test):
negative**Specified substance(s):**
Hydrotreated heavy
naphthenic petroleum
distillates Salmonella typhimurium assay (Ames test) (Bacterial Reverse Mutation Assay):
negative
Mutagenicity - Mammalian (In vitro Mammalian Chromosome Aberration Test):
negative**In vivo****Product:** No data available.**Specified substance(s):**
Sulfur, homopolymer Mammalian Erythrocyte Micronucleus Test: negative**Specified substance(s):**
Hydrotreated heavy
naphthenic petroleum
distillates Mammalian Erythrocyte Micronucleus Test (Mouse): negative**Specific Target Organ Toxicity - Single Exposure****Product:** No data available.**Specified substance(s):**
Sulfur, homopolymer Inhalation - dust and mist: Based on available data, the classification criteria are not
met.**Specified substance(s):**
Hydrotreated heavy
naphthenic petroleum
distillates Inhalation - dust and mist: Not classified.**Specific Target Organ Toxicity - Repeated Exposure****Product:** No data available.**Specified substance(s):**
Sulfur, homopolymer Based on available data, the classification criteria are not met.**Specified substance(s):**
Hydrotreated heavy
naphthenic petroleum
distillates Oral Dermal Inhalation - dust and mist: Not classified.**Aspiration Hazard****Product:** not applicable**Other effects:** No data available.**SECTION 12: Ecological information****Ecotoxicity:****Acute hazards to the aquatic environment:****Fish****Product:** No data available.

Specified substance(s):

Hydrotreated heavy naphthenic petroleum distillates

EC-50 (Fish, 96 h): > 100 mg/l EL50 method of the water accommodated fraction (W.A.F.)

Aquatic Invertebrates

Product:

No data available.

Specified substance(s):

Sulfur, homopolymer

EC-50 (Water Flea): >5µg/l
NOEC: (Water Flea, 21 d): > 100 mg/l

Hydrotreated heavy naphthenic petroleum distillates

LL50 (Daphnia magna, 48 h): > 10,000 mg/l EL50 method of the water accommodated fraction (W.A.F.)

Chronic hazards to the aquatic environment:

Fish

Product:

No data available.

Aquatic Invertebrates

Product:

No data available.

Specified substance(s):

Hydrotreated heavy naphthenic petroleum distillates

NOEC (Daphnia magna, 21 d): 10 mg/l

Toxicity to Aquatic Plants

Product:

No data available.

Specified substance(s):

Sulfur, homopolymer

EC-50 (Alga): > 100 mg/l

Hydrotreated heavy naphthenic petroleum distillates

NOELR (Alga, 72 h): > 100 mg/l EL50 method of the water accommodated fraction (W.A.F.)

Persistence and Degradability

Biodegradation

Product:

No data available.

Specified substance(s):

Hydrotreated heavy naphthenic petroleum distillates

Expected to be inherently biodegradable.

BOD/COD Ratio

Product:

No data available.

Bioaccumulative Potential

Bioconcentration Factor (BCF)

Product:

No data available.

Specified substance(s):

Sulfur, homopolymer

Will not bio-accumulate.

Hydrotreated heavy
naphthenic petroleum
distillates

Bioconcentration Factor (BCF): < 500 Potential to bioaccumulate is low.

Partition Coefficient n-octanol / water (log Kow)

Product: Log Kow: not applicable ; Solid.

Mobility in Soil: No data available.

Known or predicted distribution to environmental compartments

Sulfur, homopolymer

The product is insoluble in water and will sediment in water systems.

Hydrotreated heavy
naphthenic petroleum
distillates

Log Koc: 3

Other Adverse Effects: No data available.

SECTION 13: Disposal considerations**Waste treatment methods**

General information: The generation of waste should be avoided or minimized wherever possible. Dispose of waste and residues in accordance with local authority requirements.

Disposal methods: Recover and reclaim or recycle, if practical. Dispose of waste at an appropriate treatment and disposal facility in accordance with applicable laws and regulations, and product characteristics at time of disposal. Do not discharge into drains, water courses or onto the ground.

Since emptied containers retain product residue, follow label warnings even after container is emptied. Recycle empty drums at an appropriate facility in accordance with current applicable laws and regulations, and product characteristics at time of disposal. Ensure drums are tightly sealed.

SECTION 14: Transport information

Important Note: Shipping descriptions may vary based on mode of transport, quantities, package size, and/or origin and destination. Consult your company's Hazardous Materials/Dangerous Goods expert for information specific to your situation.

DOT

Class not regulated

IMDG - International Maritime Dangerous Goods Code

Class not regulated

IATA

Class not regulated

SECTION 15: Regulatory information

Safety, health and environmental regulations/legislation specific for the substance or mixture.:

This product has been classified in accordance with hazard criteria of the Controlled Products Regulations and the SDS contains all the information required by the Controlled Products Regulations. WHMIS (Canada) Status: noncontrolled

SARA 311-312 Hazard Classification(s):
fire hazard

US EPCRA (SARA Title III) Section 313 - Toxic Chemical List
NONE

OSHA: hazardous

TSCA (US Toxic Substances Control Act): All components of this product are listed on the TSCA inventory. Any impurities present in this product are exempt from listing.

DSL (Canadian Domestic Substances List) and CEPA (Canadian Environmental Protection Act): All components of this product are listed on the DSL. Any impurities present in this product are exempt from listing.

AICS / NICNAS (Australian Inventory of Chemical Substances and National Industrial Chemicals Notification and Assessment Scheme): This product is listed on AICS or otherwise complies with NICNAS.

MITI (Japanese Handbook of Existing and New Chemical Substances): This product is listed in the Handbook or has been approved in Japan by new substance notification.

ECL (Korean Toxic Substances Control Act): This product is listed on the Korean inventory or otherwise complies with the Korean Toxic Substances Control Act.

Philippines Inventory (PICCS) : This product is listed on the Philippine Inventory or otherwise complies with PICCS.

Inventory of Existing Chemical Substances in China: All components of this product are listed on the Inventory of Existing Chemical Substances in China (IECSC).

SECTION 16: Other information

HMIS® Hazard Ratings: Health - 1, Flammability - 1, Chemical Reactivity - 0

HMIS® rating involves data interpretations that may vary from company to company. They are intended only for rapid, general identification of the magnitude of the specific hazard. To deal adequately with the safe handling of this material, all the information contained in this MSDS must be considered.

Revision Information: Not relevant.

Key literature references and sources for data: OIL-TREATED CRYSTEX™ - SAFETY WARNINGS AND HANDLING GUIDE

Training information: No data available.

Issue Date: 04/26/2015

SDS No.:

Disclaimer: This information is provided without warranty. The information is believed to be correct. This information should be used to make an independent determination of the methods to safeguard workers and the environment.