

VARIOUS COLOR PIGMENTS

Safety Data Sheet



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

1.1. Product identifier

Product form : Mixture
Product name : PIGMENTS
Product code : VARIOUS PIGMENTS

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

1.3. Details of the supplier of the safety data sheet

LILLY RAM CHEMICAL COMPANY
16170 Cedar Lane Loop
Willis, TX 77378

Regulatory Information Contact : composites@lillyram.com

1.4. Emergency telephone number

Emergency number : For Chemical Emergency Spill, Leak, Fire, Exposure, or Accident Call CHEMTREC Day or Night
Within USA and Canada: 1-800-424-9300
Outside USA and Canada: +1 703-741-5970 (collect calls accepted)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

GHS-US classification

Not classified

2.2. Label elements

GHS-US labeling

No labeling applicable

2.3. Other hazards

No additional information available

2.4. Unknown acute toxicity (GHS-US)

Not applicable

SECTION 3: Composition/Information on ingredients

3.1. Substance

Not applicable

3.2. Mixture

Name	Product identifier	%
xylene	(CAS No) 1330-20-7	1 - 5

The specific chemical identity and/or exact percentage (concentration) of the composition has been withheld as a trade secret.

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures general : Do not leave affected person unattended. Remove the victim away from contaminated area.
Move the affected person away from the contaminated area.
First-aid measures after inhalation : Call a physician immediately.

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- First-aid measures after skin contact : After contact with skin, take off immediately all contaminated clothing, and wash immediately with plenty of water and soap.
- First-aid measures after eye contact : If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. In all cases of doubt, or when symptoms persist, seek medical attention.
- First-aid measures after ingestion : In all cases of doubt, or when symptoms persist, seek medical advice. IF SWALLOWED: rinse mouth. Do NOT induce vomiting. Do not give milk.

4.2. Most important symptoms and effects, both acute and delayed

- Symptoms/injuries after inhalation : May cause drowsiness or dizziness. Headache.
- Symptoms/injuries after skin contact : Prolonged or repeated contact with skin or mucous membrane result in irritation symptoms such as redness, blistering, dermatitis, etc.
- Symptoms/injuries after eye contact : Eye irritation.
- Symptoms/injuries after ingestion : gastrointestinal complaints.

4.3. Indication of any immediate medical attention and special treatment needed

If you feel unwell, seek medical advice.

SECTION 5: Firefighting measures

5.1. Extinguishing media

- Suitable extinguishing media : Co-ordinate fire-fighting measures to the fire surroundings.

5.2. Special hazards arising from the substance or mixture

- Fire hazard : Do not allow run-off from fire fighting to enter drains or water courses.
- Reactivity : Stable under normal conditions.

5.3. Advice for firefighters

- Firefighting instructions : Comply with local regulations for disposal.
- Protection during firefighting : In case of fire: Wear self-contained breathing apparatus.
- Other information : Use water spray/stream to protect personnel and to cool endangered containers.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

- Protective equipment : Wear suitable protective clothing.
- Emergency procedures : Ensure adequate ventilation. Evacuate personnel to a safe area.

6.1.2. For emergency responders

No additional information available

6.2. Environmental precautions

Do not flush into surface water or sewer system. Notify authorities if liquid enters sewers or public waters.

6.3. Methods and material for containment and cleaning up

- Methods for cleaning up : Wipe up with absorbent material (for example cloth). Keep in suitable, closed containers for disposal.

6.4. Reference to other sections

See Heading 8.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

- Additional hazards when processed : Use isolated drainage to prevent discharge to soil.
- Precautions for safe handling : No special handling advices are necessary.
- Hygiene measures : Do not eat, drink or smoke when using this product.

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7.2. Conditions for safe storage, including any incompatibilities

- Storage conditions : Containers which are opened should be properly resealed and kept upright to prevent leakage. Keep container tightly closed and in well ventilated place. Electrical equipment should be protected to the appropriate standard. Take precautionary measures against static discharge.
- Special rules on packaging : No decomposition if stored normally.

7.3. Specific end use(s)

Observe technical data sheet.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Black Pigment		
ACGIH	Not applicable	
OSHA	Not applicable	
xylene (1330-20-7)		
ACGIH	ACGIH TWA (ppm)	100 ppm
ACGIH	ACGIH STEL (ppm)	150 ppm
NIOSH	NIOSH REL (TWA) (mg/m ³)	435 mg/m ³
NIOSH	NIOSH REL (TWA) (ppm)	100 ppm
NIOSH	NIOSH REL (STEL) (mg/m ³)	655 mg/m ³
NIOSH	NIOSH REL (STEL) (ppm)	150 ppm
OSHA	OSHA PEL (TWA) (mg/m ³)	435 mg/m ³
OSHA	OSHA PEL (TWA) (ppm)	100 ppm

8.2. Exposure controls

- Appropriate engineering controls : Use only properly specified equipment which is suitable for this product, its supply pressure and temperature.
- Hand protection : protective gloves.
- Eye protection : Safety glasses.
- Skin and body protection : Wear suitable protective clothing.
- Respiratory protection : No personal breathing protective equipment is normally required.
- Environmental exposure controls : Do not allow to enter into surface water or drains.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

- Physical state : Liquid
- Appearance : Resin.
- Color : TAN
- Odor : slight
- Odor threshold : No data available
- pH : No data available
- Melting point : No data available
- Freezing point : No data available
- Boiling point : No data available
- Flash point : 93,33 °C
- Relative evaporation rate (butyl acetate=1) : No data available
- Flammability (solid, gas) : No data available
- Explosion limits : No data available
- Explosive properties : No data available

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Oxidizing properties	: No data available
Vapor pressure	: No data available
Relative density	: No data available
Relative vapor density at 20 °C	: No data available
Solubility	: No data available
Log Pow	: No data available
Log Kow	: No data available
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Viscosity	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available

9.2. Other information

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

Stable under normal conditions.

10.2. Chemical stability

No decomposition if stored normally.

10.3. Possibility of hazardous reactions

None known.

10.4. Conditions to avoid

Keep away from heat and direct sunlight.

10.5. Incompatible materials

Strong acids. Oxidizing agent. alkali metals.

10.6. Hazardous decomposition products

Stable under normal conditions.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity : Not classified

xylene (1330-20-7)	
LD50 oral rat	4300 mg/kg
LC50 inhalation rat (mg/l)	47635 mg/l/4h
ATE US (dermal)	1100,000 mg/kg body weight
ATE US (gases)	4500,000 ppmV/4h
ATE US (vapors)	11,000 mg/l/4h
ATE US (dust, mist)	1,500 mg/l/4h

Skin corrosion/irritation	: Not classified
Serious eye damage/irritation	: Not classified
Respiratory or skin sensitization	: Not classified
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified

xylene (1330-20-7)	
IARC group	3 - Not classifiable

Reproductive toxicity : Not classified

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Specific target organ toxicity (single exposure)	: Not classified
Specific target organ toxicity (repeated exposure)	: Not classified
Aspiration hazard	: Not classified
Symptoms/injuries after inhalation	: May cause drowsiness or dizziness. Headache.
Symptoms/injuries after skin contact	: Prolonged or repeated contact with skin or mucous membrane result in irritation symptoms such as redness, blistering, dermatitis, etc.
Symptoms/injuries after eye contact	: Eye irritation.
Symptoms/injuries after ingestion	: gastrointestinal complaints.

SECTION 12: Ecological information

12.1. Toxicity

xylene (1330-20-7)	
LC50 fish 1	13,4 mg/l (Exposure time: 96 h - Species: Pimephales promelas [flow-through])
EC50 Daphnia 1	3,82 mg/l (Exposure time: 48 h - Species: water flea)
LC50 fish 2	2,661 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [static])

12.2. Persistence and degradability

Black Pigment	
Persistence and degradability	According to experiences this product is inert and not degradable.

12.3. Bioaccumulative potential

Black Pigment	
Bioaccumulative potential	No indication of bioaccumulation potential.

12.4. Mobility in soil

No additional information available

12.5. Other adverse effects

Effect on the global warming : No known ecological damage caused by this product.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Regional legislation (waste)	: Disposal must be done according to official regulations.
Sewage disposal recommendations	: Do not allow to enter into surface water or drains.
Waste disposal recommendations	: Dispose of this material and its container to hazardous or special waste collection point. Handle contaminated packages in the same way as the substance itself.

SECTION 14: Transport information

Department of Transportation (DOT)

In accordance with DOT

No dangerous good in sense of transport regulations

Additional information

Other information : No supplementary information available.

Transport by sea

No additional information available

Air transport

No additional information available

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SECTION 15: Regulatory information

15.1. US Federal regulations

xylene (1330-20-7)	
Listed on the United States TSCA (Toxic Substances Control Act) inventory Subject to reporting requirements of United States SARA Section 313	
SARA Section 313 - Emission Reporting	1,0 %

15.2. International regulations

CANADA

xylene (1330-20-7)	
Listed on the Canadian DSL (Domestic Substances List)	
WHMIS Classification	Class B Division 2 - Flammable Liquid Class D Division 2 Subdivision A - Very toxic material causing other toxic effects Class D Division 2 Subdivision B - Toxic material causing other toxic effects

National regulations

xylene (1330-20-7)
Listed on the AICS (the Australian Inventory of Chemical Substances) Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China) Listed on the Japanese ENCS (Existing & New Chemical Substances) inventory Listed on the Korean ECL (Existing Chemicals List) Listed on NZIoC (New Zealand Inventory of Chemicals) Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances) Japanese Poisonous and Deleterious Substances Control Law Japanese Pollutant Release and Transfer Register Law (PRTR Law) Listed on INSQ (Mexican national Inventory of Chemical Substances) Listed on Turkish inventory of chemical

15.3. US State regulations

xylene (1330-20-7)
U.S. - California - SCAQMD - Toxic Air Contaminants - Non-Cancer Acute U.S. - California - SCAQMD - Toxic Air Contaminants - Non-Cancer Chronic U.S. - California - Toxic Air Contaminant List (AB 1807, AB 2728) U.S. - Illinois - Toxic Air Contaminants U.S. - Massachusetts - Allowable Ambient Limits (AALs) U.S. - Massachusetts - Allowable Threshold Concentrations (ATCs) U.S. - Massachusetts - Drinking Water - Maximum Contaminant Levels (MCLs) U.S. - Massachusetts - Oil & Hazardous Material List - Groundwater Reportable Concentration - Reporting Category 1 U.S. - Massachusetts - Oil & Hazardous Material List - Groundwater Reportable Concentration - Reporting Category 2 U.S. - Massachusetts - Oil & Hazardous Material List - Reportable Quantity U.S. - Massachusetts - Oil & Hazardous Material List - Soil Reportable Concentration - Reporting Category 1 U.S. - Massachusetts - Oil & Hazardous Material List - Soil Reportable Concentration - Reporting Category 2 U.S. - Massachusetts - Right To Know List U.S. - Massachusetts - Threshold Effects Exposure Limits (TELEs) U.S. - Massachusetts - Toxics Use Reduction Act U.S. - New Jersey - Discharge Prevention - List of Hazardous Substances U.S. - New Jersey - Environmental Hazardous Substances List U.S. - New Jersey - Primary Drinking Water Standards - Maximum Contaminant Levels - MCLs U.S. - New Jersey - Right to Know Hazardous Substance List U.S. - New Jersey - Special Health Hazards Substances List U.S. - New Jersey - Water Quality - Ground Water Quality Criteria U.S. - New Jersey - Water Quality - Practical Quantitation Levels (PQLs) U.S. - New Mexico - Water Quality - Standards for Ground Water of 10,000 mg/L TDS Concentration or Less U.S. - California - Safer Consumer Products - Initial List of Candidate Chemicals and Chemical Groups U.S. - Pennsylvania - Drinking Water - Maximum Contaminant Levels (MCLs) U.S. - Pennsylvania - RTK (Right to Know) - Environmental Hazard List U.S. - Pennsylvania - RTK (Right to Know) List

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SECTION 16: Other information

Revision date : None
Version : None
SDS Major/Minor William Chase

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END OF SAFETY DATA SHEET