Material Safety Data Sheet
INTERZINC 52HS

Sales Order: {SalesOrd}

Bulk Sales Reference No.: EPA428
MSDS Revision Date: 12/01/2011
MSDS Revision Number: A2−2

International.

## 1. Identification of the preparation and company

| | |
|---|---|
| Product Identity | INTERZINC 52HS |
| Bulk Sales Reference No. | EPA428 |
| Company Name | International Paint LLC<br>6001 Antoine Drive<br>Houston Texas 77091 |
| Emergency | |
| CHEMTREC (USA) | (800) 424−9300 |
| International Paint | (713) 682−1711 |
| Poison Control Center | (800) 854−6813 |
| Customer Service | |
| International Paint | (800) 589−1267 |
| Fax No. | (800) 631−7481 |

## 2. Hazard identification of the product

Warning

GHS Classification;

| Item | Category | Hazard |
|---|---|---|
| Flammability | 3 | Flammable liquid and vapor |
| Acute Toxicity (mouth) | Not classified | Not applicable |
| Acute Toxicity (skin) | Not classified | Not applicable |
| Acute Toxicity (inhalation) | Not classified | Not applicable |
| Acute Toxicity (ingestion) | Not classified | Not applicable |
| Skin corrosion/irritation | Not classified | Not applicable |
| Eye damage/irritation | Not classified | Not applicable |
| Sensitization (respiratory) | Not classified | Not applicable |
| Sensitization (skin) | Not classified | Not applicable |
| Germ toxicity | Not classified | Not applicable |
| Specific target organ systemic toxicity (single exposure) | 1 | central nerve system, kidneys, liver, respiratory system, systemic toxicity |
| | 2 | Not applicable |
| | 3 | narcotic effects |
| Specific target organ systemic Toxicity (repeated exposure) | 1 | central nerve system, lung, respiratory system |
| | 2 | Not applicable |
| Aspiration hazard | Not classified | Not applicable |
| Harmfulness to aquatic Environment (acute) | 1 | Very Toxic to aquatic life. |
| Harmfulness to aquatic Environment (long term effect) | 1 | Very Toxic to aquatic life with long lasting effects |

| | | |
|---|---|---|
| Carcinogenicity | Not classified | Not applicable |
| Reproductive Toxicity | Not classified | Not applicable |
| Organic Peroxide | Not classified | Not applicable |

Safety Phrases:
S61: Avoid release to the environment. Refer to special instructions/Safety data sheets.

| | |
|---|---|
| Overview | NOTICE: Reports have associated repeated and prolonged occupational overexposure to solvents with permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal. Avoid contact with eyes, skin and clothing. |
| Inhalation | Harmful if inhaled. Causes nose and throat irritation. Vapors may affect the brain or nervous system causing dizziness, headache or nausea. |
| Eyes | Causes severe eye irritation. Avoid contact with eyes. |
| Skin | Causes skin irritation. May be harmful if absorbed through the skin. |
| Ingestion | Harmful if swallowed. May cause abdominal pain, nausea, vomiting, diarrhea, or drowsiness. |
| Chronic effects | |

HMIS Rating Health: 2 Flammability: 3 Reactivity: 0 PPE: X

## 3. Composition/information on ingredients

| Ingredient | CAS No. | Percent |
|---|---|---|
| Benzene, ethyl– | 0000100–41–4 | 0.10 – 1.0 |
| Propylene glycol monomethyl ether | 0000107–98–2 | 1.0 – 10 |
| Zinc oxide | 0001314–13–2 | 1.0 – 10 |
| ZEOLITE | 0001318–02–1 | 1.0 – 10 |
| Xylenes (o–, m–, p– isomers) | 0001330–20–7 | 1.0 – 10 |
| Zinc | 0007440–66–6 | 75 – 100 |
| Reaction product of epichlorohydrin & bisphenol A | 0025085–99–8 | 1.0 – 10 |
| Nepheline syenite | 0037244–96–5 | 1.0 – 10 |

## 4. First aid measures

| | |
|---|---|
| General | Remove contaminated clothing and shoes. Get medical attention immediately. Wash clothing before reuse. Thoroughly clean or destroy contaminated shoes. |
| Inhalation | If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention immediately. |
| Eyes | In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention immediately. |
| Skin | In case of contact, immediately flush skin with soap and plenty of water. Get medical attention immediately. |
| Ingestion | If swallowed, immediately contact Poison Control Center at 1–800–854–6813. DO NOT induce vomiting unless instructed to do so by medical personnel. Never give anything by mouth to an unconscious person. |

## 5. Fire–fighting measures

Flash Point F: 86
C: 30

Lower Explosive Limit (LEL) 0 (%vol in air) at Normal Atmospheric Temp and Pressure
ERG Guide No. 128

## 6. Accidental release measures

| | |
|---|---|
| Spill Response Procedures | ELIMINATE ALL IGNITION SOURCES (no smoking, flares, sparks or flames in immediate area). Use only non−sparking equipment to handle spilled material and absorbent. Do not touch or walk through spilled material. Stop leak if you can do so without risk. Prevent entry into waterways, sewers, basements or confined areas. A vapor suppressing foam may be used to reduce vapors. Absorb or cover with dry earth, sand, or other non−combustible material and transfer to containers. Use non−sparking tools to collect absorbed material. |
| Public Safety | CALL CHEMTREC at (800)−424−9300 for emergency response. Isolate spill or leak area immediately for at least 50 meters (150 feet) in all directions. Keep unauthorized personnel away. Stay upwind. Keep out of low areas. Ventilate closed spaces before entering. LARGE SPILLS: Consider initial downwind evacuation for at least 300 meters (1000 feet). |
| ERG Guide No. | 128 |

## 7. Handling and storage

| | |
|---|---|
| Storage Temperature | Store between 40−100F (4−38C). |
| Handling and Storage Precautions | Keep away from heat, sparks and flame. Do not smoke. Extinguish all flames and pilot lights, and turn off stoves, heaters, electric motors and other sources of ignition during use and until all vapors are gone. Vapors may cause flash fire or ignite explosively. Prevent build−up of vapors by opening all windows and doors to achieve cross−ventilation. Avoid contact with eyes and clothing. Avoid prolonged or repeated contact with skin. Close container after each use. Wash thoroughly after handling. |

## 8. Exposure controls and personal protection

Exposure

| CAS No. | Ingredient | Source | Value |
|---|---|---|---|
| 0000100−41−4 | Benzene, ethyl− | OSHA | 100 ppm TWA; 435 mg/m3 TWA125 ppm STEL; 545 mg/m3 STEL |
| | | ACGIH | 100 ppm TWA125 ppm STEL |
| | | NIOSH | 100 ppm TWA; 435 mg/m3 TWA125 ppm STEL; 545 mg/m3 STEL800 ppm IDLH (10% LEL) |
| | | Supplier | No Established Limit |
| | | OHSA, CAN | 100 ppm TWA125 ppm STEL |
| | | Mexico | 100 ppm TWA; 435 mg/m3 TWA125 ppm STEL; 545 mg/m3 STEL |
| | | Brazil | 78 ppm TWA; 340 mg/m3 TWA |
| 0000107−98−2 | Propylene glycol monomethyl ether | OSHA | 150 ppm STEL; 540 mg/m3 STEL |
| | | ACGIH | 100 ppm TWA150 ppm STEL |
| | | NIOSH | 100 ppm TWA; 360 mg/m3 TWA150 ppm STEL; 540 mg/m3 STEL |
| | | Supplier | No Established Limit |
| | | OHSA, CAN | 100 ppm TWA150 ppm STEL |
| | | Mexico | No Established Limit |
| | | Brazil | No Established Limit |
| 0001314−13−2 | Zinc oxide | OSHA | 5 mg/m3 TWA (fume); 15 mg/m3 TWA (total dust); 5 mg/m3 TWA (respirable fraction)10 mg/m3 STEL (fume) |
| | | ACGIH | 2 mg/m3 TWA (respirable fraction)10 mg/m3 STEL (respirable fraction) |
| | | NIOSH | 5 mg/m3 TWA (dust and fume)10 mg/m3 STEL (fume)15 mg/m3 Ceiling (dust)500 mg/m3 IDLH |
| | | Supplier | No Established Limit |
| | | OHSA, CAN | 2 mg/m3 TWA (respirable)10 mg/m3 STEL (respirable) |
| | | Mexico | 5 mg/m3 TWA (fume); 10 mg/m3 TWA (dust)10 mg/m3 STEL (fume) |
| | | Brazil | No Established Limit |
| 0001318−02−1 | ZEOLITE | OSHA | No Established Limit |

| | | | |
|---|---|---|---|
| | | ACGIH | No Established Limit |
| | | NIOSH | No Established Limit |
| | | Supplier | No Established Limit |
| | | OHSA, CAN | No Established Limit |
| | | Mexico | No Established Limit |
| | | Brazil | No Established Limit |
| 0001330−20−7 | Xylenes (o−, m−, p− isomers) | OSHA | 100 ppm TWA; 435 mg/m3 TWA150 ppm STEL; 655 mg/m3 STEL |
| | | ACGIH | 100 ppm TWA150 ppm STEL |
| | | NIOSH | No Established Limit |
| | | Supplier | No Established Limit |
| | | OHSA, CAN | 100 ppm TWA150 ppm STEL |
| | | Mexico | 100 ppm TWA; 435 mg/m3 TWA150 ppm STEL; 655 mg/m3 STEL |
| | | Brazil | 78 ppm TWA; 340 mg/m3 TWA |
| 0007440−66−6 | Zinc | OSHA | No Established Limit |
| | | ACGIH | No Established Limit |
| | | NIOSH | No Established Limit |
| | | Supplier | No Established Limit |
| | | OHSA, CAN | No Established Limit |
| | | Mexico | No Established Limit |
| | | Brazil | No Established Limit |
| 0025085−99−8 | Reaction product of epichlorohydrin & bisphenol A | OSHA | No Established Limit |
| | | ACGIH | No Established Limit |
| | | NIOSH | No Established Limit |
| | | Supplier | No Established Limit |
| | | OHSA, CAN | No Established Limit |
| | | Mexico | No Established Limit |
| | | Brazil | No Established Limit |
| 0037244−96−5 | Nepheline syenite | OSHA | No Established Limit |
| | | ACGIH | No Established Limit |
| | | NIOSH | No Established Limit |
| | | Supplier | No Established Limit |
| | | OHSA, CAN | 10 mg/m3 TWA (total dust) |
| | | Mexico | No Established Limit |
| | | Brazil | No Established Limit |

Health Data

| CAS No. | Ingredient | Source | Value |
|---|---|---|---|
| 0000100−41−4 | Benzene, ethyl− | NIOSH | Eye skin |
| 0000107−98−2 | Propylene glycol monomethyl ether | NIOSH | Eye nose |
| 0001314−13−2 | Zinc oxide | NIOSH | Metal fume fever |
| 0001318−02−1 | ZEOLITE | NIOSH | No Established Limit |
| 0001330−20−7 | Xylenes (o−, m−, p− isomers) | NIOSH | Central nervous system depressant; respiratory and eye irritation |
| 0007440−66−6 | Zinc | NIOSH | No Established Limit |
| 0025085−99−8 | Reaction product of epichlorohydrin & bisphenol A | NIOSH | No Established Limit |
| 0037244−96−5 | Nepheline syenite | NIOSH | No Established Limit |

Carcinogen Data

| CAS No. | Ingredient | Source | Value |
|---|---|---|---|
| 0000100−41−4 | Benzene, ethyl− | OSHA | Select Carcinogen: Yes |
| | | NTP | Known: No; Suspected: No |

| | | | |
|---|---|---|---|
| | | IARC | Group 1: No; Group 2a: No; Group 2b: Yes; Group 3: No; Group 4: No; |
| 0000107−98−2 | Propylene glycol monomethyl ether | OSHA | Select Carcinogen: No |
| | | NTP | Known: No; Suspected: No |
| | | IARC | Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No; |
| 0001314−13−2 | Zinc oxide | OSHA | Select Carcinogen: No |
| | | NTP | Known: No; Suspected: No |
| | | IARC | Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No; |
| 0001318−02−1 | ZEOLITE | OSHA | Select Carcinogen: No |
| | | NTP | Known: No; Suspected: No |
| | | IARC | Group 1: No; Group 2a: No; Group 2b: No; Group 3: Yes; Group 4: No; |
| 0001330−20−7 | Xylenes (o−, m−, p− isomers) | OSHA | Select Carcinogen: No |
| | | NTP | Known: No; Suspected: No |
| | | IARC | Group 1: No; Group 2a: No; Group 2b: No; Group 3: Yes; Group 4: No; |
| 0007440−66−6 | Zinc | OSHA | Select Carcinogen: No |
| | | NTP | Known: No; Suspected: No |
| | | IARC | Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No; |
| 0025085−99−8 | Reaction product of epichlorohydrin & bisphenol A | OSHA | Select Carcinogen: No |
| | | NTP | Known: No; Suspected: No |
| | | IARC | Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No; |
| 0037244−96−5 | Nepheline syenite | OSHA | Select Carcinogen: No |
| | | NTP | Known: No; Suspected: No |
| | | IARC | Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No; |

| | |
|---|---|
| Respiratory | Select equipment to provide protection from the ingredients listed in Section 3 of this document. Ensure fresh air entry during application and drying. If you experience eye watering, headache or dizziness or if air monitoring demonstrates dust, vapor, or mist levels are above applicable limits, wear an appropriate, properly fitted respirator (NIOSH approved) during and after application. Follow respirator manufacturer's directions for respirator use. FOR USERS OF 3M RESPIRATORY PROTECTION ONLY: For information and assistance on 3M occupational health and safety products, call OH&ESD Technical Service toll free in U.S.A. 1−800−243−4630, in Canada call 1−800−267−4414. Please do not contact these numbers regarding other manufacturer's respiratory protection products. 3M does not endorse the accuracy of the information contained in this Material Safety Data Sheet. |
| Eyes | Avoid contact with eyes. Protective equipment should be selected to provide protection from exposure to the chemicals listed in Section 3 of this document. Depending on the site−specific conditions of use, safety glasses, chemical goggles, and/or head and face protection may be required to prevent contact. The equipment must be thoroughly cleaned, or discarded after each use. |
| Skin | Protective equipment should be selected to provide protection from exposure to the chemicals listed in Section 3 of this document. Depending on the site−specific conditions of use, protective gloves, apron, boots, head and face protection may be required to prevent contact. The equipment must be thoroughly cleaned, or discarded after each use. |
| Engineering Controls | Prevent build−up of vapors by opening all windows and doors to achieve cross−ventilation. |
| Other Work Practices | Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Use good personal hygiene practices. Wash hands before eating, drinking, using toilet facilities, etc. Promptly remove soiled clothing and wash clothing thoroughly before reuse. Shower after work using plenty of soap and water. |

## 9. Physical and chemical properties

| | |
|---|---|
| Physical State | Liquid Coloured |

| | |
|---|---|
| pH | No Established Limit |
| Specific Gravity | 3.55 |
| Boiling Point F | 210 |
| Vapor Density | Heavier than air |
| VOC % | Refer to the Technical Data Sheet or label where information is available. |
| Evaporation Rate | Slower than ether |

## 10. Stability and reactivity

| | |
|---|---|
| General | This product is stable and hazardous polymerization will not occur. Not sensitive to mechanical impact. Excessive heat and fumes generation can occur if improperly handled. |
| Incompatible Materials | Strong oxidizing agents. |
| Hazardous Decompostion | May produce hazardous fumes when heated to decomposition as in welding. Fumes may produce Carbon Dioxide and Carbon Monoxide. |

## 11. Toxicological information

| Ingredient | Oral LD50, mg/kg | Skin LD50, mg/kg | Inhalation Vapor LD50, mg/L/4hr |
|---|---|---|---|
| Benzene, ethyl– – (0000100–41–4) | 3,500.00, Rat – Category: 5 | 15,354.00, Rabbit – Category: NA | 17.20, Rat – Category: 4 |
| Propylene glycol monomethyl ether – (0000107–98–2) | 5,200.00, Rat – Category: NA | 13,000.00, Rabbit – Category: NA | 54.60, Rat – Category: NA |
| Zinc oxide – (0001314–13–2) | 5,000.00, Rat – Category: 5 | ––––– | 5.70, rat – Category: 3 |
| ZEOLITE – (0001318–02–1) | ––––– | 2,000.00, Rabbit – Category: 4 | ––––– |
| Xylenes (o–, m–, p– isomers) – (0001330–20–7) | 4,300.00, Rat – Category: 5 | 1,700.00, Rabbit – Category: 4 | 29.08, rat – Category: NA |
| Zinc – (0007440–66–6) | ––––– | ––––– | ––––– |
| Reaction product of epichlorohydrin & bisphenol A – (0025085–99–8) | ––––– | ––––– | ––––– |
| Nepheline syenite – (0037244–96–5) | ––––– | ––––– | ––––– |

| | |
|---|---|
| General | NOTICE: Reports have associated repeated and prolonged occupational overexposure to solvents with permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal. No additional information provided for this product. See Sections 8 and 11 for chemical specific data. |

## 12. Ecological information

Not Defined

No additional information provided for this product. See Sections 8 and 11 for chemical specific data.

## 13. Disposal considerations

Dispose of in accordance with local, state and federal regulations. (Also reference RCRA information in Section 15 if listed).

## 14. Transport information

DOT (Domestic Surface Transportation)

| | |
|---|---|
| DOT Proper Shipping Name | PAINT |
| DOT Hazard Class | 3 |
| UN / NA Number | UN 1263 |
| DOT Packing Group | III |
| CERCLA/DOT RQ | 44 gal. / 1316 lbs. |

IMO / IMDG (Ocean Transportation)

| | |
|---|---|
| IMDG Proper Shipping Name | PAINT |
| IMDG Hazard Class | 3 – Flammable and Combustible liquid |
| UN / NA Number | UN 1263 |
| IMDG Packing Group | III |
| | 2 |

System Reference Code

## 15. Regulatory information

| | |
|---|---|
| Regulatory Overview | The regulatory data in Section 15 is not intended to be all−inclusive, only selected regulations are represented. All ingredients of this product are listed on the TSCA (Toxic Substance Control Act) Inventory or are not required to be listed on the TSCA Inventory. |
| WHMIS Classification | B2:D2B |

DOT Marine Pollutants (10%):
(No Product Ingredients Listed)

DOT Severe Marine Pollutants (1%):
(No Product Ingredients Listed)

EPCRA 311/312 Chemicals and RQs (>.1%) :

Benzene, ethyl− (1000 lb final RQ; 454 kg final RQ)

Xylenes (o−, m−, p− isomers) (100 lb final RQ; 45.4 kg final RQ)

Zinc (454 kg final RQ (no reporting of releases of this hazardous substance is required if the diamet)

EPCRA 302 Extremely Hazardous (>.1%) :
(No Product Ingredients Listed)

EPCRA 313 Toxic Chemicals (>.1%) :

1−Methyl−2−pyrrolidone

Benzene, ethyl−

Xylenes (o−, m−, p− isomers)

Zinc

Mass RTK Substances (>1%) :

Propylene glycol monomethyl ether

Xylenes (o−, m−, p− isomers)

Zinc

Zinc oxide

Mass Extraordinarily Haz Sub (>.01%) :
(No Product Ingredients Listed)

Penn RTK Substances (>1%) :

Propylene glycol monomethyl ether

Xylenes (o−, m−, p− isomers)

Zinc

Zinc oxide

Penn Special Hazardous Substances (>.01%) :
(No Product Ingredients Listed)

Rhode Island Hazardous Substances (>.1%) :

Benzene, ethyl−

Propylene glycol monomethyl ether

Xylenes (o−, m−, p− isomers)

Zinc

Zinc oxide

RCRA Status (%):

N.J. RTK Substances (>1%) :

Propylene glycol monomethyl ether

Xylenes (o−, m−, p− isomers)

Zinc

Zinc oxide

N.J. Special Hazardous Substances (>.01%) :

1−Methyl−2−pyrrolidone

Benzene, ethyl−

Isobutyl alcohol

Propylene glycol monomethyl ether

Xylenes (o−, m−, p− isomers)

Zinc

N.J. Env. Hazardous Substances (>.1%) :

1−Methyl−2−pyrrolidone

Benzene, ethyl−

Xylenes (o−, m−, p− isomers)

Zinc

Proposition 65 − Carcinogens (>0%):

Cadmium

Benzene, ethyl−

Lead

Nickel

Proposition 65 − Female Repro Toxins (>0%):

Lead

Proposition 65 − Male Repro Toxins (>0%):

Cadmium

Lead

Proposition 65 − Developmental Toxins (>0%):

1−Methyl−2−pyrrolidone

Cadmium

Lead

Risk Phrases:

R50/53: Very toxic to aquatic organisms, may cause long−term adverse effects in the aquatic environment.

## 16. Other information

The information and recommendations contained herein are based upon data believed to be correct. However, no guarantee or warranty of any kind, expressed or implied, is made with respect to the information contained herein. We accept no responsibility and disclaim all liability for any harmful effects which may be caused by exposure to our products. Customers/users of this product must comply with all applicable health and safety laws, regulations, and orders.