The Cleaning Resource

SAFETY DATA SHEET

1. Identification

Product identifier PRO-35

Other means of identification

503N-61D - (Intl) SDS number

Product code HIL88721

Recommended use Wood Floor Seal

Recommended restrictions For Labeled Use Only

Manufacturer/Importer/Supplier/Distributor information

Manufacturer

HILLYARD INDUSTRIES Company name

Address 302 North Fourth St.

St. Joseph, MO 64501

Contact person Regulatory Affairs

Telephone number (800) 365-1555 (Ext. 8206)

(816) 383-8406 Fax

E-mail regulatoryaffairs@hillyard.com

(800) 424-9300 Emergency telephone #

(Only in the event of chemical emergency involving a spill, leak, fire, exposure or accident

involving chemicals)

2. Hazard(s) identification

Physical hazards Category 3 Flammable liquids **Health hazards** Acute toxicity, inhalation Category 4

Skin corrosion/irritation Category 2 Serious eye damage/eye irritation Category 2B Germ cell mutagenicity Category 1B Carcinogenicity Category 1B

Specific target organ toxicity, single exposure Category 3 narcotic effects

Specific target organ toxicity, repeated Category 1

exposure

Environmental hazards Not classified. **OSHA** defined hazards Not classified.

Label elements



Signal word Danger

Hazard statement Flammable liquid and vapor. Causes skin irritation. Causes eye irritation. Harmful if inhaled. May

cause drowsiness or dizziness. May cause genetic defects. May cause cancer. Causes damage

to organs (central nervous system) through prolonged or repeated exposure.

Material name: PRO-35 SDS US

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Precautionary statement

Prevention

Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Keep away from heat/sparks/open flames/hot surfaces. No smoking. Keep container tightly closed. Ground/bond container and receiving equipment. Use explosion-proof electrical/ventilating/lighting equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Do not breathe mist or vapor. Wash thoroughly after handling. Do not eat, drink or smoke when using this product. Use only outdoors or in a well-ventilated area. Wear protective gloves/protective clothing/eve protection/face protection.

Response

If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. If inhaled: Remove person to fresh air and keep comfortable for breathing. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If exposed or concerned: Get medical advice/attention. If skin irritation occurs: Get medical advice/attention. If eve irritation persists: Get medical advice/attention, Take off contaminated clothing and wash before reuse. In case of fire: Use appropriate media to extinguish.

Storage

Keep cool. Store in a well-ventilated place. Keep container tightly closed. Store locked up.

Disposal

Buver assumes all risk and liability associated with disposal of this product (original concentration or dilution) in violation of applicable law in compliance with applicable federal, state and local requirements.

Hazard(s) not otherwise classified (HNOC)

None known.

Supplemental information

NOTICE: Saw dust from freshly sanded floors or dust from wood floors that have been abraded between coats will spontaneously catch fire if improperly discarded. Immediately after abrading or sanding wood floors, place dust waste in a sealed, water-filled metal container and immediately remove from building.

NOTICE: Rags or applicators soaked in a combustible liquid will spontaneously catch fire if improperly discarded. Immediately after using rags or applicators soaked in a combustible liquid, place waste in a sealed, water-filled metal container and immediately remove from building. NOTICE: Reports have associated repeated and prolonged occupational overexposure to solvent with permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal.

Use With Adequate Ventilation. Avoid breathing vapors or spray mist. Open windows and doors, use exhaust fans or other means to insure fresh air entry during application and drying. If you experience eye watering, headache, or dizziness or if air monitoring demonstrates vapor/mist levels are above applicable limits, wear an appropriate, properly fitted respirator (NIOSH/MSHA approved) during and after application. Follow respirator manufacturer's directions for respirator use. Keep container closed when not in use. Do not take internally.

3. Composition/information on ingredients

Mixtures

Chemical name	Common name and synonyms	CAS number	%
Light Aromatic Hydrocarbons		8052-41-3	50 - < 60
Xylene		1330-20-7	1 - < 3
Ethyl Benzene		100-41-4	< 1
Other components below reportate	le levels		30 - < 40

^{*}Designates that a specific chemical identity and/or percentage of composition has been withheld as a trade secret.

4. First-aid measures

Skin contact

Ingestion

Inhalation Remove victim to fresh air and keep at rest in a position comfortable for breathing. Oxygen or

artificial respiration if needed. Call a poison center or doctor/physician if you feel unwell. Take off immediately all contaminated clothing. Rinse skin with water/shower. If skin irritation

occurs: Get medical advice/attention. Wash contaminated clothing before reuse.

Immediately flush eves with plenty of water for at least 15 minutes. Remove contact lenses, if Eve contact present and easy to do. Continue rinsing. Get medical attention if irritation develops and persists.

Rinse mouth thoroughly. Never give anything by mouth to a victim who is unconscious or is having

convulsions. Do not induce vomiting. If vomiting occurs, keep head low so that stomach content

doesn't get into the lungs. Get medical attention if symptoms occur.

Most important symptoms/effects, acute and delayed

May cause drowsiness and dizziness. Narcosis. Headache. Nausea, vomiting. Exposed individuals may experience eye tearing, redness, and discomfort. Behavioral changes. Decrease in motor functions. Irritation of eyes and mucous membranes. Irritation of nose and throat. Skin irritation. May cause redness and pain. Prolonged exposure may cause chronic effects.

Indication of immediate medical attention and special treatment needed

Provide general supportive measures and treat symptomatically. Thermal burns: Flush with water immediately. While flushing, remove clothes which do not adhere to affected area. Call an ambulance. Continue flushing during transport to hospital. Keep victim warm. Keep victim under observation. Symptoms may be delayed.

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General information

Take off all contaminated clothing immediately. IF exposed or concerned: Get medical advice/attention. If you feel unwell, seek medical advice (show the label where possible). Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Show this safety data sheet to the doctor in attendance. Wash contaminated clothing before reuse.

5. Fire-fighting measures

Suitable extinguishing media

Unsuitable extinguishing media

Water fog. Foam. Dry chemical powder. Carbon dioxide (CO2). Do not use water jet as an extinguisher, as this will spread the fire.

Specific hazards arising from the chemical

Vapors may form explosive mixtures with air. Vapors may travel considerable distance to a source of ignition and flash back. During fire, gases hazardous to health may be formed.

Special protective equipment and precautions for firefighters Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

Fire fighting equipment/instructions In case of fire and/or explosion do not breathe fumes. Move containers from fire area if you can do so without risk.

Specific methods

Use standard firefighting procedures and consider the hazards of other involved materials.

General fire hazards Flammable liquid and vapor.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Wear appropriate protective equipment and clothing during clean-up. Do not breathe mist or vapor. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ventilate closed spaces before entering them. Local authorities should be advised if significant spillages cannot be contained. For personal protection, see section 8 of the SDS.

Methods and materials for containment and cleaning up Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Keep combustibles (wood, paper, oil, etc.) away from spilled material. Take precautionary measures against static discharge. Use only non-sparking tools.

Large Spills: Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Use a non-combustible material like vermiculite, sand or earth to soak up the product and place into a container for later disposal. Following product recovery, flush area with water.

Small Spills: Absorb with earth, sand or other non-combustible material and transfer to containers for later disposal. Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination.

Never return spills to original containers for re-use. Put material in suitable, covered, labeled containers. For waste disposal, see section 13 of the SDS.

Environmental precautions

Avoid discharge into drains, water courses or onto the ground.

7. Handling and storage

Precautions for safe handling

Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Do not handle, store or open near an open flame, sources of heat or sources of ignition. Protect material from direct sunlight. Explosion-proof general and local exhaust ventilation. Take precautionary measures against static discharges. All equipment used when handling the product must be grounded. Use non-sparking tools and explosion-proof equipment. Avoid contact with eyes, skin, and clothing. Avoid prolonged exposure. When using, do not eat, drink or smoke. Should be handled in closed systems, if possible. Use only outdoors or in a well-ventilated area. Wear appropriate personal protective equipment. Wash hands thoroughly after handling. Observe good industrial hygiene practices.

Conditions for safe storage, including any incompatibilities Store locked up. Keep away from heat, sparks and open flame. Prevent electrostatic charge build-up by using common bonding and grounding techniques. Store in a cool, dry place out of direct sunlight. Store in tightly closed container. Store in a well-ventilated place. Keep in an area equipped with sprinklers. Store away from incompatible materials (see Section 10 of the SDS).

8. Exposure controls/personal protection

Occupational exposure limits

100-41-4)

The following constituents are the only constituents of the product which have a PEL. TLV or other recommended exposure limit. At this time, the other constituents have no known exposure limits.

US. OSHA Table Z-1 Permissible Exposure Limits (PEL) for Air Contaminants (29 CFR 1910.1000)					
Components	Туре	Value			
Ethyl Benzene (CAS	PEL	435 mg/m3			

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US. OSHA Table Z-1 Permissible Exposure Limits (PEL) for Air Contaminants (29 CFR 1910.1000) Components Type Value 100 ppm **Light Aromatic PEL** 2900 mg/m3 Hydrocarbons (CAS 8052-41-3) 500 ppm Xylene (CAS 1330-20-7) **PEL** 435 mg/m3 100 ppm **US. ACGIH Threshold Limit Values (TLV)** Value Components Type Ethyl Benzene (CAS **TWA** 20 ppm 100-41-4) Light Aromatic **TWA** 100 ppm Hydrocarbons (CAS 8052-41-3) Xylene (CAS 1330-20-7) **TWA** 20 ppm NIOSH. Immediately Dangerous to Life or Health (IDLH) Values, as amended Value Components Type Ethyl Benzene (CAS **IDLH** 0.8 % 100-41-4) 800 ppm **Light Aromatic IDLH** 20000 mg/m3 Hydrocarbons (CAS 8052-41-3) US. NIOSH: Pocket Guide to Chemical Hazards Recommended Exposure Limits (REL) Components Value Type Ethyl Benzene (CAS **STEL** 545 mg/m3 100-41-4) 125 ppm **TWA** 435 mg/m3 100 ppm **Light Aromatic** Ceiling 1800 mg/m3 Hydrocarbons (CAS 8052-41-3) **TWA** 350 mg/m3 **STEL** Xylene (CAS 1330-20-7) 655 mg/m3 150 ppm **TWA** 435 mg/m3 100 ppm

Biological limit values

ACGIH Biological Exposure Indices (BEI) Components Value **Determinant** Specimen Sampling Time Ethyl Benzene (CAS 0.15 g/g Sum of Creatinine in 100-41-4) mandelic acid urine and phenylglyoxylic acid Xylene (CAS 1330-20-7) 1.5 g/g Methylhippuric Creatinine in acids urine

Appropriate engineering controls

Explosion-proof general and local exhaust ventilation. Good general ventilation 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. Provide eyewash station and safety shower.

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^{* -} For sampling details, please see the source document.

Individual protection measures, such as personal protective equipment

Avoid contact with eyes. Wear safety glasses with side shields (or goggles). Eye/face protection

Skin protection

Hand protection Wear appropriate chemical resistant gloves.

Other Wear suitable protective clothing.

Respiratory protection 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. Chemical respirator with organic vapor

cartridge.

Thermal hazards None known.

General hygiene considerations

Observe any medical surveillance requirements. When using do not smoke. Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove

contaminants.

9. Physical and chemical properties

Appearance Clear amber liquid

Physical state Liquid. **Form** Liquid. Color Amber Odor Solvent odor **Odor threshold** Not available Not available Hq Not available Melting point/freezing point Initial boiling point and boiling 326 °F (163.33 °C)

range

> 100.0 - < 125.0 °F (> 37.8 - < 51.7 °C) Setaflash Flash point

Evaporation rate <1 Ethyl ether = 1 Not applicable. Flammability (solid, gas) Upper/lower flammability or explosive limits

Explosive limit - lower (%) Not available. Explosive limit - upper (%) Not available. 2.8 mm Hg Vapor pressure Vapor density 4.8 AIR=1 0.861 at 77°F Relative density

Solubility(ies)

Solubility (water) negligible Partition coefficient Not available

(n-octanol/water)

Not available **Auto-ignition temperature** Not available **Decomposition temperature** Not available Viscosity

Other information

Density 7.17 lb/gal **Explosive properties** Not explosive. **Oxidizing properties** Not oxidizing. Percent volatile > 63.5 - < 65.5 %

10. Stability and reactivity

Reactivity The product is stable and non-reactive under normal conditions of use, storage and transport.

Material is stable under normal conditions. **Chemical stability**

<556 q/l

Possibility of hazardous

reactions

VOC

No dangerous reaction known under conditions of normal use.

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Conditions to avoid Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. Avoid

temperatures exceeding the flash point. Contact with incompatible materials.

Incompatible materials

Strong acids. Strong oxidizing agents. Halogens.

Hazardous decomposition

No hazardous decomposition products are known.

products

11. Toxicological information

Information on likely routes of exposure

Harmful if inhaled. May cause damage to organs through prolonged or repeated exposure by Inhalation

inhalation. May cause drowsiness and dizziness. Headache. Nausea, vomiting.

Skin contact Causes skin irritation. Eye contact Causes eye irritation.

Expected to be a low ingestion hazard. Ingestion

Symptoms related to the physical, chemical and toxicological characteristics May cause drowsiness and dizziness. Narcosis. Headache. Nausea, vomiting. Behavioral changes. Decrease in motor functions. Irritation of eyes and mucous membranes. Irritation of nose and throat. Exposed individuals may experience eye tearing, redness, and discomfort. Skin

irritation. May cause redness and pain.

Information on toxicological effects

Harmful if inhaled. Narcotic effects. Acute toxicity

Species Test Results Components

Ethyl Benzene (CAS 100-41-4)

Acute

Dermal

LD50 Rabbit 17800 mg/kg

Oral

LD50 Rat 3500 mg/kg

Xylene (CAS 1330-20-7)

Acute

Dermal

LD50 Rabbit > 43 g/kg

Skin corrosion/irritation Causes skin irritation. Serious eye damage/eye Causes eye irritation.

irritation

Respiratory or skin sensitization

Respiratory sensitization Not a respiratory sensitizer.

This product is not expected to cause skin sensitization. Skin sensitization

Germ cell mutagenicity May cause genetic defects.

Carcinogenicity May cause cancer.

IARC Monographs. Overall Evaluation of Carcinogenicity

Ethyl Benzene (CAS 100-41-4) 2B Possibly carcinogenic to humans.

Xylene (CAS 1330-20-7) 3 Not classifiable as to carcinogenicity to humans.

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1053)

US. National Toxicology Program (NTP) Report on Carcinogens

Not listed.

Components in this product have been shown to cause birth defects and reproductive disorders in Reproductive toxicity

laboratory animals.

Specific target organ toxicity -

single exposure

May cause drowsiness and dizziness.

Specific target organ toxicity -

repeated exposure

Causes damage to organs (central nervous system) through prolonged or repeated exposure.

Aspiration hazard Not an aspiration hazard.

Chronic effects Causes damage to organs through prolonged or repeated exposure. Prolonged inhalation may be

harmful. Prolonged exposure may cause chronic effects.

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12. Ecological information

Ecotoxicity

	Species	Test Results
EC50	Daphnia	481.5174 mg/l, 48 hours
LC50	Fish	867.7973 mg/l, 96 hours
EC50	Daphnia	123.0537 mg/l, 48 hours estimated
LC50	Fish	87.7395 mg/l, 96 hours estimated
	Species	Test Results
	LC50 EC50	EC50 Daphnia LC50 Fish EC50 Daphnia LC50 Fish

Ethyl Benzene (CAS 100-41-4)

Aquatic Acute

Crustacea EC50 Water flea (Daphnia magna) 1.37 - 4.4 mg/l, 48 hours
Fish LC50 Atlantic silverside (Menidia menidia) 4.4 - 5.7 mg/l, 96 hours

Persistence and degradability

No data is available on the degradability of this product.

Bioaccumulative potential

Partition coefficient n-octanol / water (log Kow)

Ethyl Benzene 3.15

Mobility in soil No data available.

Other adverse effects The product contains volatile organic compounds which have a photochemical ozone creation

potential.

13. Disposal considerations

Disposal instructions Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Incinerate the

material under controlled conditions in an approved incinerator. Do not incinerate sealed containers. Do not allow this material to drain into sewers/water supplies. If discarded, this product

is considered a RCRA ignitable waste, D001. Dispose of contents/container in accordance with local/regional/national/international regulations. Buyer assumes all risk and liability associated with

disposal of this product (original concentration or dilution) in violation of applicable law.

Local disposal regulations Dispose in accordance with all applicable regulations.

Hazardous waste code D001: Waste Flammable material with a flash point <140 F

The waste code should be assigned in discussion between the user, the producer and the waste

disposal company.

Waste from residues / unused

products

Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see:

Disposal instructions).

Contaminated packaging Since emptied containers may retain product residue, follow label warnings even after container is

emptied. Empty containers should be taken to an approved waste handling site for recycling or

disposal.

14. Transport information

DOT

UN number UN1263 UN proper shipping name Paint

Transport hazard class(es)

Class 3
Subsidiary hazard -

Label(s) Flammable

Packing group - Environmental hazards

Marine pollutant No.

Special precautions for user Read safety instructions, SDS and emergency procedures before handling.

Special provisions 223,274,330,955

ERG number 127

IATA

UN number UN1263 UN proper shipping name Paint

Material name: PRO-35 SDS US

Transport hazard class(es)

Class 3 Subsidiary hazard

Label(s) Flammable

Packing group Ш **Environmental hazards** No. **ERG Code** 127

Special precautions for user Read safety instructions, SDS and emergency procedures before handling.

Other information

Passenger and cargo

Allowed with restrictions.

aircraft

Cargo aircraft only Allowed with restrictions.

IMDG

UN1263 **UN** number **UN** proper shipping name Paint Transport hazard class(es)

Class 3 Subsidiary hazard

Label(s) Flammable

Ш Packing group

Environmental hazards

Marine pollutant No. **EmS** F-E. S-E

Special precautions for user Read safety instructions, SDS and emergency procedures before handling.

Not established.

Transport in bulk according to Annex II of MARPOL 73/78 and

the IBC Code

DOT



IATA; IMDG



15. Regulatory information

US federal regulations This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication

Standard, 29 CFR 1910.1200.

Toxic Substances Control Act (TSCA)

TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)

Not regulated.

CERCLA Hazardous Substance List (40 CFR 302.4)

Ethyl Benzene (CAS 100-41-4) Listed. Xylene (CAS 1330-20-7) Listed.

SARA 304 Emergency release notification

Not regulated.

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OSHA Specifically Regulated Substances (29 CFR 1910.1001-1053)

Not listed.

Superfund Amendments and Reauthorization Act of 1986 (SARA)

SARA 302 Extremely hazardous substance

Not listed.

SARA 311/312 Hazardous

Yes

chemical

Classified hazard categories

Flammable (gases, aerosols, liquids, or solids)

Acute toxicity (any route of exposure)

Skin corrosion or irritation

Serious eye damage or eye irritation

Germ cell mutagenicity Carcinogenicity

Specific target organ toxicity (single or repeated exposure)

SARA 313 (TRI reporting)

Chemical name	CAS number	% by wt.	
Ethyl Benzene	100-41-4	< 1	
Xylene	1330-20-7	1 - < 3	

Other federal regulations

Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List

Ethyl Benzene (CAS 100-41-4) Xylene (CAS 1330-20-7)

Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)

Not regulated.

Safe Drinking Water Act

Contains component(s) regulated under the Safe Drinking Water Act.

(SDWA)

US state regulations

US. California. Candidate Chemicals List. Safer Consumer Products Regulations (Cal. Code Regs, tit. 22, 69502.3, subd. (a))

Ethyl Benzene (CAS 100-41-4)

Light Aromatic Hydrocarbons (CAS 8052-41-3)

Xylene (CAS 1330-20-7)

California Proposition 65



WARNING: This product can expose you to Ethyl Benzene, which is known to the State of California to cause

cancer. For more information go to www.P65Warnings.ca.gov.

California Proposition 65 - CRT: Listed date/Carcinogenic substance

Ethyl Benzene (CAS 100-41-4) Listed: June 11, 2004

International Inventories

Country(s) or region	Inventory name	On inventory (yes/no)*
Canada	Domestic Substances List (DSL)	No
Canada	Non-Domestic Substances List (NDSL)	No
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	Yes

^{*}A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s)

16. Other information, including date of preparation or last revision

10-31-2023 Issue date

Version # 01

Health: 2* **HMIS®** ratings

Flammability: 3 Physical hazard: 0

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A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).

Disclaimer

No representations or warranties, either express or implied, of merchantability, fitness for a particular purpose, or of any nature are made with respect to the product(s) or information contained in this material safety data sheet. The information and recommendations contained in this Material Safety Data Sheet are supplied pursuant to 29 CFR 1910.1200 of the Occupational Safety and Health Standards Hazard Communication Rule. All information contained herein is presented in good faith and is believed to be appropriate and accurate. The buyer or user assumes all risks associated with the use, misuse or disposal of this product. The buyer or user is responsible to comply with all federal, state or local regulations concerning the use, misuse or disposal of these products.

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