DOL STORAGE CATEGORY -- IB
PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING
Contents are COMBUSTIBLE. Keep away from heat and open flame.
Consult NFPA Code. Use approved Bonding and Grounding procedures.
Keep container closed when not in use. Transfer only to approved containers with complete and appropriate labeling. Do not take internally. Keep out of the reach of children.
OTHER PRECAUTIONS
This coating contains materials classified as muisance perticulates, for example titanius dioxide, calcium carbonate, etc. (see ACGIE TLV List, Preface and Appendix D), which may be present at hazardous levels only during sanding or abrading of the dried film.

Intentional misuse by deliberately concentrating and inhaling the contents can be harmful of fatal.

HMIS Ratings

HEALTH 2 FLAMMABILITY 2 REACTIVITY 0

B54 Lead-Containing Colors on reverse.

This Material Safety Data Sheet conforms to the Hazard Communication standard, 29 CFR 1910.1200(g)(4), for similar complex mixtures. The above information pertains to this product as currently formulated, and is based on the information available at this time. Addition of reducers or other additives to this product may substantially alter the composition and hazards of the product. Since conditions of use are outside our control, we make no varranties, express or implied, and assume no liability in connection with any use of this information.

NUFACTURER'S NAME
THE SHERMIN-WILLIAMS COMPANY
101 Prospect Avenue N.W.
cleveland, Ohio 44115
FE OF PREPARATION
11-Jul-86

EMERGENCY TELEPHONE NO. (216) 566-2917

INFORMATION TELEPHONE NO. (216) 566-2902

Section 1 -- PRODUCT IDENTIFICATION

DUCT NAME
Industrial Enseel, Lead-Containing Colors
DUCT NUMBERS AND COLORS
B54 E 19 OSBA Orange
B54 E 10 OSBA Red
B54 Y 17 OSBA Yellow
--- Including Lead-Containing Tinted Colors --DUCT CLASS
Alkyd Ensemb

Section II -- HAZARDOUS INGREDIENTS ORNA-PEL INITA 4 by WEIGHT ACTIN-TLP 2.0 Hg/H3 Hg/H3 Hg/H3 Mg/H3 Lead (as Pb) Chromium VI (as Cr) <11.5 <3.0 0.05 Mg/H3 Mg/H3 0.05

For specific percent hazardous ingredients in each product, see Section X

Section III -- PHYSICAL DATA

EVAPORATION RATE -- Slover than Ether VAPOR DENSITY -- Reavier than Air LING RANGE (F) a VOLATILE VOLUME MY/GAL 300 - 395 5.60 8-10

Section IV -- FIRE AND EXPLOSION HAZARD DATA

EMMABILITY CLASSIFICATION FLASH POINT 101 F PNCC LEL 1.0 Combustible, Flash above 99 and below 200 F INGUISHING MEDIA Carbon Dioxide, Dry Chemical, Foam ISUAL FIRE AND EXPLOSION HAZARDS

Keep containers tightly closed. Isolate from heat, electrical equipment, sparks, and open se. Closed containers may explode when exposed to extreme heat. Application to hot faces requires special procautions. During emergency conditions overexposure to supposition products may cause a health hazard. Symptoms may not be immediately apparent. ain medical attention.

854XL Industrial Engmel, Lead-Containing Colors

SPECIAL FIRE FIGHTING PROCEDURES
Full protective equipment including self-contained breathing apparatus should be used.
Vater apparagues to ineffective. If water is used, fog nozzles are preferable. Water may used to cool closed containers to prevent pressure build-up and possible autoignition or explosion when exposed to extreme heat.

Section V -- REALTH HAZARD DATA

THRISHOLD LIMIT VALUE -- See Section II

EFFECTS OF OVEREXPOSINE

ACUTE! Overexpapers causes eye, skin and respiratory irritation. May cause nervous system depression accompanied by headache, dissiness, nausea, confusion and staggaring gait. Extreme overexposure may result in unconsciousness and possible death.

CHRONIC: Prolonged overexposure to ingredients in Section II may cause adverse effects to the liver, urinary, blood forming, nervous, and reproductive systems (including embryotoxic affects).

Studies have associated exposure to Chrosius VI compounds with an increased risk of respiratory cancer, however, the risk appears to be less significant with insoluble or highly soluble Chrosius VI compounds.

Rats exposed to itlanius diaxide dust at 250 mg./ml developed lung cancer, however, such exposure levels are not attainable in the workplace.

Reports have associated repeated and prolonged overexposure to solvents with permanent brain and nervous system damage.

EMERGENCY AND FIRST AID PROCEDURES

If INHALD: If affected, resolve from exposure. Restore breating. Keep vara and quiet.

Resolve contaminated clothing and laundes before re-use.

If in ETES: Flush eyes with large amounts of water for 15 minutes. Get medical attention.

Section VI -- REACTIVITY DATA

Section VI -- REACTIVITY DATA

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SFILLED
Remove all mources of ignition. Ventilate and remove with inert absorbent.
WASTE DISPOSAL NETHOD

WASTE DISPOSAL METHOD

Vaste from this product may be hazardous as defined under the Resource Conservation and
Recovery Act (RCBA) 40 CFR 261. Waste must be tested for ignitability and extractability to
determine the applicable EPA hazardous waste numbers.

Incinerate in approved facility. Do not incluserate closed container. Dispose of in
accordance with Federal, State, and Local regulations regarding pollution.

Section VIII -- PROTECTION INFORMATION

page 3

PRECAUTIONS TO BE TAKEN IN USE

Before initial use, consult OSBA's Standard for Occupational Exposure to Lead
(25 CFR 1910.1025).

Use only with adequate ventilation. Avoid breathing vapor and spray sist. Avoid contact
with skin and eyes. Wash hands after using.

Protect against hazardous dust or fuses which may be generated by sanding, wirebrushing,
abrading, burning, brazing or welding of the dried film.

Coutined on page 3

Industrial Enguel, Lead-Containing Colors

VENTILATION

Local exhaust preferable. General exhaust accaptable if the exposure to materials in Section II is maintained below applicable exposure limits. Refer to OSHA Standards 1910.94, RESPIRATORY PROTECTION

If personal exposure cannot be controlled below applicable limits by ventilation, wear respiratory device approved by NIOSE/MSHA for protection against materials in Section II.

PROTECTIVE GLOVES

Wear gloves which are recommended by glove supplier for protection against materials in Section II. EYE PROTECTION

EVE PROFECTION
Vent safety spectacles with unperforated sideshields. Section IX -- PRECAUTIONS

Continued on page 2

DOL STORAGE CATEGORY -- 2
PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING
Contents are COMBUSTIBLE. Keep away from heat and open flame.
Consult NFPA Code. Use approved Bonding and Grounding procedures.
Keep container closed when not in use. Transfer only to approved containers with or and appropriate labeling. Do not take internally. Keep out of the reach of children.
This costing contains vith complete

OTHER PRECAUTIONS

OTHER PRECAUTIONS

This coating contains materials classified as nuisance particulates, for example thanks advoke, calclum carbonate, atc. (see AGGH TLV List, Preface and Appendix D), which may be present at heastfown levels only during sanding or abreding of the dried film. CONTAINS LEAD. Do not apply on toys and other children's articles, furniture, or any interfor surface of a dvalling or facility which may be occupied or used by children. Do not apply on any exterior surface of dwelling units, such as vindow sills, porches, stairs, or railings to which children may be commonly exposed.

Intentional misuse by deliberately concentrating and inhaling the contents can be harmful or fatal.

Section I -- PERCENT HAZARDOUS INGREDIENTS

	B54E19	854R18	B54Y17
Hineral Spirits.	40	40	40
Titanium Dioxide.			
Lead Chromate. (I)	15		15
Holybdate Orange. <1>	ζ5	10	
Lead (as Pb)	11.3	6.3	8.6
Chromium (as Cr VI)	7.R	1 2	

HMIS Ratings

HEALTH	2*
FLAMMABILITY	2
REACTIVITY	0

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