



MATERIAL SAFETY DATA SHEET

SARGENT ART ACRYLIC PAINTS (All Colors)

SHADES : Please refer Master Index

SECTION I - IDENTIFICATION OF COMPANY/ BUSINESS

NAME : PIDILITE INDUSTRIES LIMITED
ADDRESS : Ram Krishna Mandir Road, Kondivita, Andheri (E), Mumbai 400 059.
Telephone : 91-022-2836 7085. Fax: 91-022-2837 6165. E-mail : rajerm@pidilite.com
USE : Pigment dispersion based on aqueous system for painting on canvas.

SECTION II - CONSTITUENTS/ COMPOSITION

| COMPONENT | CAS NUMBER | PERCENT | PERMISSIBLE EXPOSURE LIMIT [TWA] | SHORT TERM EXPOSURE LIMIT[STEL] |
|--|------------|---------|----------------------------------|----------------------------------|
| Non Hazardous (Under OSHA Hazard Communication Standard 29 CFR 1910/2000) | | | | |

SECTION III- IDENTIFICATION OF HAZARDS

TOXIC EFFECTS OF EXPOSURE/ CONTACT : No particular hazards known.
SKIN CONTACT : Under normal conditions, not expected to be irritant or no adverse effects on skin.
EYE CONTACT : May act as nuisance particulate matter.
INHALATION : Not applicable.
INGESTION : Considered to be practically non-toxic.
DELAYED EFFECTS: No carcinogenic effect observed during chronic feeding study on pigment.

SECTION IV- FIRST AID MEASURES

SKIN CONTACT : As a good hygienic practice wash skin with water.
EYE CONTACT : Immediately flush eyes with plenty of water for at least 15 minutes.
INHALATION : Not applicable.
INGESTION : Do not induce vomiting. Immediately give two glasses of lukewarm water to drink. Never give anything by mouth to an unconscious person. Call a Physician.
NOTE TO PHYSICIAN: There is no specific antidote, treatment should be given symptomatically on the basis of clinical conditions.

SECTION V - FIRE AND EXPLOSION HAZARD OF MATERIAL

FIRE EXTINGUISHING MEDIA : Material will not burn. Use extinguishing media suitable with other material under fire.
THERMAL DECOMPOSITION PRODUCT : NA
SPECIAL FIRE FIGHTING PROCEDURE : Not required
UNUSUAL FIRE AND EXPOLSION HAZARDS : Nil

INITIALS :

PAGE : 1/4

MSDS CODE : 201SD84127

REV. : 0.0

DATE : 17.02.2009

SECTION VI - ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS : Use personal protective equipment and handling listed under sections 7 & 8.

ENVIRONMENT PRECAUTIONS : Dike and contain spill with an inert [e.g. sand, earth, etc.] absorbent.

Keep spill out of sewers and open bodies of water.

CLEANING METHODS : Collect the absorbed material in plastic bag for final disposal. Transfer liquid to container for recovery or disposal. Wash the spill site after material pickup.

SECTION VII- HANDLING AND STORAGE

HANDLING PROCEDURE: Protect against physical damage.

STORAGE REQUIREMENTS : Keep away from direct freezing and heating. Keep container tightly closed when not in use.

SECTION VIII- EXPOSURE CONTROL/ PERSONAL PROTECTIVE EQUIPMENT

PERSONAL PROTECTIVE EQUIPMENT :

HYGIENE MEASURES : Wash hands after work.

EYE PROTECTION : Not required.

HAND PROTECTION : Not required.

RESPIRATION PROTECTION : Not applicable

OTHERS : None

ENGINEERING CONTROLS : None

SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE : Coloured aqueous dispersion.

ODOUR : No odour.

BOILING POINT (°C) : NA **pH :** 7.0 - 8.0

VISCOCITY (@ 30°C) Poise : 275 – 350

SOLID CONTENT % : Please refer Master Index

SOLUBILITY (20°C) IN WATER : Soluble

SPECIFIC GRAVITY (WATER=1) : NA

VAPOUR PRESSURE (@ 25 °C) : NA

SECTION X - STABILITY AND REACTIVITY DATA

CHEMICAL STABILITY : Stable under normal ambient conditions.

INCOMPATIBILITY : Nil.

HAZARDOUS POLYMERISATION : Will not occur.

CONDITIONS TO AVOID : Keep away from direct freezing and heating.

SECTION XI - TOXICOLOGICAL INFORMATION

No evidence of any adverse effect or absorption is reported.

INITIALS :

PAGE : 2/4

MSDS CODE : 201SD84127

REV. : 0.0

DATE : 17.02.2009

SECTION XII - ECOLOGICAL INFORMATION

Do not allow to enter soil, waterways or waste water flow.

SECTION XIII - DISPOSAL INFORMATION

Incinerate liquid and the contaminated diking material in an approved equipment or may be disposed off in accordance with current local or central regulation.

SECTION XIV - TRANSPORTATION INFORMATION

UN NO. :-

IMDG CODE PAGE NO. :-

HAZARD CLASS :-

PACKAGING GROUP:-

The material is not considered to be dangerous.

SECTION XV - REGULATORY INFORMATION

Not applicable

SECTION XVI - MISCELLANEOUS INFORMATION

DISCLAIMER : The data presented here is based on information we believe to be reliable but unknown risks may be present. We disclaim liability for damage or injury which results from the use of the above data and nothing contained therein shall constitute a guarantee or a warranty (including warranty of Merchantibility or fitness for a particular purpose) or representation (including freedom from Patentability) by us with respect to the accuracy or completeness of the data, the product described or their use for any specific purpose as known to us. The final determination of the suitability of information, the manner of use of information or product and potential infringement of patents is the sole responsibility of the user.

**ABBREVIATIONS USED : NA - NOT APPLICABLE, NH - NON HAZARDOUS,
CI - CONTENT INSIGNIFICANT.**

ISSUED BY SAFETY DEPARTMENT

R M RAJE

TEL. NO. 2836 7085 EXT. 7277

INITIALS :

PAGE : 3/4

MSDS CODE : 201SD84127

REV. : 0.0

DATE : 17.02.2009



MASTER INDEX FOR

SARGENT ART ACRYLIC PAINTS (All Colors)

| SR. NO. | SHADES NAME | SOLIDS CONTENTS % |
|---------|-------------------------|-------------------|
| 1 | BUFF TITANIUM | 51 ± 2 |
| 2 | BURNT SIENNA | 45 ± 2 |
| 3 | BURNT UMBER | 45 ± 2 |
| 4 | CADMIUM ORANGE HUE | 46 ± 2 |
| 5 | CADMIUM RED DEEP HUE | 45 ± 2 |
| 6 | CADMIUM RED HUE | 46 ± 2 |
| 7 | CADMIUM YELLOW DEEP HUE | 49 ± 2 |
| 8 | CADMIUM YELLOW HUE | 49 ± 2 |
| 9 | COBALT BLUE HUE | 56 ± 2 |
| 10 | CRIMSON LAKE | 46 ± 2 |
| 11 | DEEP VIOLET | 43 ± 2 |
| 12 | FLESH TINT | 57 ± 2 |
| 13 | GOLD | 48 ± 2 |
| 14 | LEAF GREEN | 46 ± 2 |
| 15 | LEMON YELLOW | 45 ± 2 |
| 16 | MARS BLACK | 49 ± 2 |
| 17 | OPAQUE OXIDE OF CHROME | 45 ± 2 |
| 18 | PERMANENT YELLOW DEEP | 46 ± 2 |
| 19 | PHTHALO GREEN | 48 ± 2 |
| 20 | PROCESS MAGENTA | 44 ± 2 |
| 21 | PROCESS YELLOW | 46 ± 2 |
| 22 | PRUSSIAN BLUE | 48 ± 2 |
| 23 | PTHALO BLUE | 46 ± 2 |
| 24 | PTHALO TURQUOISE | 46 ± 2 |
| 25 | PYNES GREY | 55 ± 2 |
| 26 | RAW UMBER | 46 ± 2 |
| 27 | SAP GREEN | 45 ± 2 |
| 28 | SCARLET LAKE | 45 ± 2 |
| 29 | SILVER | 50 ± 2 |
| 30 | TITANIUM WHITE | 60 ± 2 |
| 31 | ULTRAMARINE BLUE | 57 ± 2 |
| 32 | YELLOW OCHRE | 46 ± 2 |

ISSUED BY SAFETY DEPARTMENT

R M RAJE

TEL. NO. 2836 7085 EXT. 7277

INITIALS :

PAGE : 4/4

MSDS CODE : 201SD84127

REV. : 0.0

DATE : 17.02.2009